



# Tool Solutions



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





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**PANDUIT**<sup>®</sup>

infrastructure for a connected world

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# Manual Cable Tie Installation Tools



Panduit® provides the most preferred hand-operated tools in the industry. These versatile tools can be used for production, maintenance, or construction applications.

Panduit cable tie installation tools promote worker safety, help reduce downtime, improve productivity and provide the lowest total installed cost. As with all Panduit products, quality in design and production along with customer service excellence, are assured.



### Tool Highlights:

- **Tool controlled tension and cut-off**
  - Ergonomic tools are durable, lightweight, and easy to use
  - Manual tools
  - Pneumatic tools
- **Installer controlled tension and cut-off**
  - Large selection of tools available for complete range of Panduit cable ties
  - Cost-effective alternative for small volume applications

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All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.

## Selection Guide – Hand Tools, Accessories, and Kits

A.  
Cable  
Ties

### Hand Tools

#### Manual

#### Tool Controlled Tension and Cut-Off

Recommended usage: under 50,000 ties/year

Typical applications: Low to medium volume tie usage in OEM, MRO, or construction

Cross Section	Tool Part Number — Page A.3				
	GTS-E	GS2B	GTH-E	GS4H	GS4EH
SM	X				
M	X	X			
I	X	X			
S	X	X	X	X	
HS			X	X	
LH			X	X	X
H			X	X	X
EH					X

#### Cross Sections

SM = Subminiature  
M = Miniature  
I = Intermediate  
S = Standard  
HS = Heavy-Standard  
LH = Light-Heavy  
H = Heavy  
EH = Extra-Heavy

#### Installer Controlled Tension and Cut-Off

Recommended usage: under 10,000 ties/year

Typical applications: MRO or construction

Cross Section	Tool Part Number — Page A.4			
	GTS-E	GS2B	GTH-E	GS4H
M	X			
I	X			
S	X	X		
HS		X		
LH		X	X	X
H		X	X	X
EH			X	

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#### Pneumatic

Recommended usage: under 250,000 ties/year

Typical applications: Medium to high volume tie usage in OEM

Cross Section	Tool Part Number — Page A.5	
	PTS	PTH
M	X	
I	X	
S	X	
HS	X	X
LH		X
H		X
EH		X

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### Accessories/Kits

#### Manual

Part Number	For Tool	Page
<b>KGTS-ETL</b>	GTS-E, GTH-E	A.6
<b>TTLK3</b>	GS2B, GS4H	A.6
<b>KGTSBLD</b>	GTS-E	A.6
<b>KGTH-EBLD</b>	GTH-E	A.6
<b>K2-BLD2</b>	GS2B	A.6
<b>K4H-BLD</b>	GS4H	A.6
<b>K4EH-BLD</b>	GS4EH	A.6
<b>GHH</b>	GTS-E, GS2B, GTH-E, GS4H, GS4EH	A.6

#### Pneumatic

Part Number	For Tool	Page
<b>KPTSTL</b>	PTS, PTH	A.6
<b>TTLK3</b>	PPTS	A.6
<b>KGTSBLD</b>	PTS	A.6
<b>KPTHBLD</b>	PTH	A.6
<b>K2-BLD2</b>	PPTS	A.6
<b>GHH</b>	PTS, PPTS	A.6
<b>PPH10</b>	PTS, PTH, PPTS	A.5
<b>PL289N1</b>		A.5
<b>PHCAT</b>		A.5

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## Cable Tie Tools – Tool Controlled Tension and Cut-Off

- Used in production, maintenance, or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation, and construction features, provides a long service life
- Replacement blades available, see page A.6
- No special maintenance required



GTS-E



GS2B



GTH-E



GS4H



GS4EH

Part Number	Used with Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		Oz.	g			
GTS-E	SM, M, I, S	10.4	294	Ergonomic design with impact resistant resin housing, narrow nose, cushion handle and low impact cutoff.		1
GS2B	M, I, S	11.5	327	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-1	1
GTH-E	S, HS, LH, H	11.9	337	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.		1
GS4H	S, HS, LH, H	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-2	1
GS4EH	LH, H, EH	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-4	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

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A.  
Cable  
Ties

### Cable Tie Tools – Installer Controlled Tension and Cut-Off

- Economical series of tools for maintenance or construction applications

- Excellent tools for low volume applications



STS2



STS2



STH2



ST3EH



STHV

B.  
Stainless  
Steel

Part Number	Used with Cable Ties	Color	Weight		Part Features	Std. Pkg. Qty.
			Oz.	g		
STS2	M, I, S	Black	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
STH2	S, HS, LH, H	Red	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
ST3EH	LH, H, EH	Blue/Black	9.0	256	Durable, all steel construction with comfortable plastic handles.	1
STHV	LH, H	Yellow	12.0	341	Durable all steel construction and "travel stop" to prevent pinched fingers.	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

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#### Installation Procedure (STS2/STH2/ST3EH):

Install cable tie around bundle and tension tie by squeezing tool handle. Reduce tension slightly and twist tool 1/4" turn either direction to cut off excess cable tie.

#### Installation Procedure (STHV):

Install cable tie around bundle and tension tie by squeezing tool handle. A separate lever cuts off excess cable tie.

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## Pneumatic Hand Tools – Tool Controlled Tension and Cut-Off

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance



PTS



PTH

Part Number	Used with Cable Ties	Weight		Part Features	Std. Pkg. Qty.
		Oz.	g		
PTS	SM, M, I, S	17.3	490	Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program.	1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program.	1

Note: All tools require the PPH10 hose and PL289N1 filter/regulator for proper operation.

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

## Pneumatic Tool Accessories



PL289N1/PPH10



PHCAT

Part Number	Used with Installation Tool	Part Features	Std. Pkg. Qty.
PL289N1	PTS, PPTS, PTH	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 1/8" NPT female output port (to hose PPH10) and 1/4" male quick disconnect to source air line.	1
PPH10	PTS, PPTS, PTH	10.0' (3m) hose assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect (to tool).	1
PHCAT	PTS, PPTS, PTH	Adapter fitting for 10.0' (3m) hose (PPH10) to regulator with 1/4" NPT female output port, features 1/8" NPT female connection (to hose) and 1/4" NPT male connection (to regulator).	1

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## Hand Tool Accessories:

### Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes)



KGTS-ETL

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTS-ETL	GTS-E, GTH-E	Lockout cap and screw.	1
KPTSTL	PTS, PTH	Lockout cap and screw.	1
TTLK3	GS2B, GS4H, PPTS	Selection locking clip and screws.	1

B.  
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### Blade Replacement Kits

- Blade replacement kits can be part of a user's scheduled maintenance plan or used when cut-offs are not clean and crisp



KGTSBLD

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTSBLD	GTS-E, PTS	Threadlocker, screw, washer and replacement blade.	1
KGTH-EBLD	GTH-E	Threadlocker, screw, and replacement blade.	1
K2-BLD2	GS2B, PPTS	Threadlocker, screws, and replacement blade.	1
K4H-BLD	GS4H	Threadlocker, screws, and replacement blade.	1
K4EH-BLD	GS4EH	Threadlocker, screw, and replacement blade.	1
KPTHBLD	PTH	Threadlocker, screw, and replacement blade.	1

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### Hand Tool Holster

- Durable leather construction holster with rivets and extra tie-down strap to hold tool in place – easily fits on belt



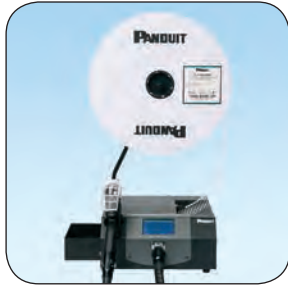
Part Number	Used with Installation Tool	Color	Std. Pkg. Qty.
GHH	GTS-E, GS2B, GTH-E, GS4H, GS4EH, PTS, PPTS, ST3EH	Black	1

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# Automatic Cable Tie Installation Systems



The complete line of Panduit® automatic cable tie installation systems offers a superior solution for high volume harness, assembly, fastening and packaging applications. These ergonomic systems increase productivity, provide consistent performance, and reduce activities that lead to repetitive motion injuries. A variety of tool options provide users with flexible solutions for their unique application needs.



## System Highlights

**Multiple systems improve productivity, reliability, and versatility:**

- **Install a cable tie in less than one second**
- **Multiple cable tie styles and sizes for maximum productivity**
- **Optional software for advanced system monitoring and performance**
- **Recommended for annual usage of over 250,000 cable ties/year**
- **Typical applications: High volume OEM/contract manufacturing**



Combined, these innovations improve reliability, maximize productivity, and lower installed costs. As with all Panduit products, quality in design and production along with customer service excellence, are assured.

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Note: Recommended for annual usage of over 250,000 cable ties/year. Typical applications: high volume OEM/contract manufacturing.

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## Selection Guide – Automatic Installation Systems and Reel-Fed Cable Ties

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### PAT1M/PAT1.5M Systems

Tool Head for use with MINIATURE Cross Section

Part Number	Description	Page
PAT1M4.0	For miniature cross section up to .82" (21mm) bundle diameter.	A.8
PAT1.5M4.0	For miniature cable ties up to 1.31" (33mm) bundle diameter.	A.8
PAT1M4.0-BT	For miniature cross section up to .82" (21mm) bundle diameter. For use with Barb Ty.	A.8
PAT1.5M4.0-BT	For miniature cable ties up to 1.31" (33mm) bundle diameter. For use with Barb Ty.	A.8

#### Dispenser

Part Number	Description	Page
PDM4.0	Stationary dispenser.	A.9
PDS-DI	Data interface accessory – software and interface card.	A.10

#### Transfer Hose

Part Number	Description	Page
PHM1	3.2' (1m) transfer hose.	A.9
PHM2	6.5' (2m) transfer hose.	A.9
PHM3	10.0' (3m) transfer hose.	A.9
PHM4	13.1' (4m) transfer hose.	A.9

#### Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATMBM	Bench mount and foot pedal.	A.10

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### PAT2S/PAT3S Systems

Tool Head for use with STANDARD Cross Section

Part Number	Description	Page
PAT2S	For standard cross section up to 2.00" (51mm) bundle diameter.	A.8
PAT3S	For standard cross section up to 2.75" (70mm) bundle diameter.	A.8

#### Dispenser

Part Number	Description	Page
PDS	Stationary dispenser, PAT2S.	A.9
PD3S	Stationary dispenser, PAT3S.	A.9
PDS-DI	Dispenser and data interface software.	A.10

#### Transfer Hose

Part Number	Description	Page
PHS2	6.5' (2m) transfer hose.	A.9
PHS3	10.0' (3m) transfer hose.	A.9

#### Dispenser Frame

Part Number	Description	Page
PDSF	Dispenser frame, PAT2S.	A.9
PD3SF	Dispenser frame, PAT3S.	A.9

#### Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATSBM	Bench mount and foot pedal for PAT2S and PAT3S.	A.10

## Tool Head – Multiple sizes accommodate a wide variety of applications

- Ergonomic, lightweight design reduces operator fatigue and repetitive motion injuries – no counter balance required
- Right or left hand operation
- Durable, one-piece cable tie tip collector (for cut-off tips)
- Includes tension adjustment
- Built-in safety interlock prevents false triggering if anything obstructs jaw path



PAT1M-4.0



PAT1.5M4.0



PAT2S



PAT3S

Part Number	Max. Bundle Dia.		Dispenser/ Frame	Transfer Hose	Used with Cable Ties	Std. Pkg. Qty.
	In.	mm				
PAT1M4.0	0.82	21	PDM4.0	PHM1, PHM2, PHM3, PHM4	PLT1M-XMR	1
PAT1.5M4.0	1.31	33	PDM4.0		PLT1.5M-XMR	1
PAT1M4.0-BT	0.82	21	PDM4.0		BT1M-XMR	1
PAT1.5M4.0-BT	1.31	33	PDM4.0		BT1.5M-XMR	1
PAT2S	2.00	51	PDS/PDSF	PHS2, PHS3	PLT2S-VMR	1
PAT3S	2.75	70	PD3S/PD3SF		PLT3S-VMR	1

## Dispensers

- Microprocessor based controller monitors system performance through a touch screen display (PDM4.0 only); provides production data and reporting, including error detection and cycle count for improved reliability
- Online HELP menu through LCD display in seven languages (English, Spanish, German, Italian, French, Czech, Japanese), is user-friendly for quick and simple training



PDM4.0



PDS/PD3S

Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PDM4.0	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Stationary dispenser with electronic display. Online help menu. System operates on 65 psig (minimum) non-lubricated filtered air and 100 – 24 FAC/TP or 60 MHz.	1
PDS	PAT2S		1
PD3S	PAT3S		1

## Transfer Hoses



PHM3

Part Number	Used with Tool Head	Part Description	Length		Std. Pkg. Qty.
			Ft.	m	
PHM1	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Transfers cable tie and signal from dispenser to tool head; electrical connectors designed for easy attachment provide a reliable, secure connection.	3.2	1	1
PHM2			6.5	2	1
PHM3			10.0	3	1
PHM4			13.1	4	1
PHS2	PAT2S, PAT3S		6.5	2	1
PHS3			10.0	3	1

## Dispenser Frame



PDSF



PD3SF

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDSF	PDS (PAT2S)	Metal frame supports the PDS dispenser for PAT2S above the cable tie reel as ties are loaded into the dispenser; can be used as a freestanding unit or permanently mounted to a bench or cart.	1
PD3SF	PD3S (PAT3S)	Assembly holds cable tie reel and rewinds the packaging paper liner as cable ties are being loaded into the dispenser.	1

A.  
Cable  
Ties

## Optional System Accessories:

### Filter/Regulator and Air Supply Hose



PL283N1



PDH10-37

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PL283N1	PDM4.0, PDS	Regulates air flow to dispenser. Filter/regulator 25 micron (max.) element, 3/8" ports. Includes a male connector and a 3/8" port.	1
PDH10-37	PDM4.0, PDS	Air hose from filter/regulator to dispenser; 10.0' (3m) – includes standard air fittings.	1

B.  
Stainless  
Steel

### Bench Mount



PATMBM



Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PATMBM	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Allows hands-free operation for high volume usage. Includes bench mount fixture and foot pedal assembly.	1
PATSBM	PAT2S, PAT3S		1

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## Data Interface Software and Ethernet Enabled Dispenser

Panduit® exclusive Ethernet enabled dispenser and customized data interface software allow production personnel to monitor real-time data in a shop floor environment.

The Ethernet enabled dispenser provides a physical connection between the cable tie installation system and an Industrial Ethernet Network via an RJ45 connection and internal Ethernet card.

- Allows production and/or engineering personnel the capability to measure and track production performance such as job tracking, cycle counts, tool and dispenser serial numbers, and routine maintenance
- Provides the ability to send email notifications for specific system messages
- Data extraction and reporting capabilities on system performance through an exportable electronic log; helps identify operator training needs
- Ability to monitor alerts from remote desktop locations

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Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDS-DI	PDS	Ethernet enabled PDS dispenser and data interface software.	1



## PAT/Robot Integration Kit

- Used with the PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, and PAT1.5M4.0-BT tool heads
- Utilizes the PAT system electronic interface option, PDM-EI, to optimally integrate the PAT system to a robot for a completely automated cable tie installation process
- Significantly reduces labor costs while improving installation quality, reliability, and consistency



PATM4.0-RK



PATM-TT

Part Number	Components	Description	Std. Pkg. Qty.
PATM4.0-RK	Metallic housing	Includes a pneumatic trigger actuator for remote cable tie installation and a mounting bolt pattern to ease PAT tool integration with a robot end effector for a robust and accurate grip.	1
	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing tie misfeeds due to sharp hose bend radii during robot motion; also sold separately under part number PATM-RKS (includes two 1-foot strain relief tubes with fastening cable ties).	
	Quick start guides	Provides easily understood electrical, network, and mechanical installation instructions minimizing the robot integrator's design time and simplifying the integration process.	
	Best practices document	List of best practices when integrating the PAT system to a robot optimizing system performance and productivity.	
PATM-TT	Test tool with rubber jaws	This test tool is used during robot cable tie installation programming, providing a safe method to debug robot software without damaging actual PAT tools (test tool is not provided with the PAT/Robot Integration Kit).	1
PATM-RKS	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing cable tie misfeeds due to sharp hose bend radii during robot motion; kit is also included on the PATM-RK kit or sold separately (includes two 1-foot strain relief tubes with fastening cable ties).	1

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# Stainless Steel Installation Tools

Panduit® offers a complete line of manual and powered installation tools available with controlled tension and automatic cut-off for lower installed cost.



- **Used in production maintenance, and construction applications**
- **Full line of lightweight, ergonomic hand tools**
- **Flush cut-off of ties limits exposure to sharp edges**

Panduit continues to develop stainless steel solutions for harsh environment applications by solving customer problems with innovative products and reliable tooling to achieve lowest installed cost.



All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.

A.  
Cable  
Ties

### Heat Trace Installation Tools

- Tools speed installation
- Features high reliability, low maintenance, and long life



ST4MT

RT2HT

### Ordering Information

Part Number	Description	Std. Pkg. Qty.
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1
RT2HT	Installation tool for use with standard to extra heavy ties. Side entry design for immediate positioning of tie and tool in order to speed installation. Tensioning controlled by operator. Use lowest tension setting for this application.	1

B.  
Stainless  
Steel

### Stainless Installation Tools

#### GS4MT Hand-Operated Installation Tool

- Single handle operation for fast installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Easy removal of excess tie
- Qualified product listed per MIL Standard MS90387-3
- Automatically tensions and cuts off tie when predetermined tension is reached
- Installs standard 0.18 inch (4.6mm), light-heavy 0.25 inch (6.4mm) and heavy 0.31 inch (7.9mm) cross section ties



GS4MT



Side Entry



CAMT

Part Number	Part Description	Std. Pkg. Qty.
GS4MT	Used with standard, light-heavy, and heavy cross section Pan-Steel - type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1
K4M-BLD	Replacement cutter blade for GS4MT.	1
K4MTG	Replacement tension gripper for GS4MT.	1
CAMT	Cut-off accessory. Use this accessory with GS4MT tool to cut MBH or MBS continuous banding. Accessory drops in place for use.	1

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Grounding

F.  
Part  
Number  
Index

## Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes).



To lock selector knob and tension level.



To lock fine adjustment.

Part Number	Part Description	Std. Pkg. Qty.
TTLK3	Tool tension locking kit for GS4MT and PPTMT installation tools.	1

## ST2MT and ST4MT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One hand operation – lightweight
- Easy removal of excess tie
- Tool tension is controlled by installer
- Rugged, lightweight, easy-to-operate pliers-type tool provides mechanical advantage



ST2MT

ST4MT

Part Number	Part Description	Std. Pkg. Qty.
ST2MT	Used with standard, light-heavy, heavy and extra-heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, wave ties, and type MLTDH double wrapped ties. This tool has twist action cut-off mechanism.	1
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1

## RT2HT and RT2HTN Installation Tools

- Cable tie side entry for immediate positioning of tie and tool to speed installation
- Multi-position rear handle provides flexibility for a one or two hand installation
- Narrow nose tool design option available for applications requiring installations in tight confined spaces
- Replacement cutter blade and handle available for RT2HT



RT2HT



RT2HTN

Part Number	Part Description	Std. Pkg. Qty.
RT2HT	Used with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT, Wave-Ty™, and MLTFC ties. Width of tool nose 2.60" (66.0mm).	1
RT2HTN	Narrow nose installation tool for use with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT and MLTFC ties. Width of tool nose 1.06" (27.0mm).	1



A.  
Cable  
Ties

### HTMT Installation Tool

- Economical
- Coiled tie end remaining after tensioning assures a safe end
- Manual tension, no cut-off
- Installs ties parallel to the bundle



Part Number	Part Description	Std. Pkg. Qty.
HTMT	Used with standard, light-heavy, and heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1

B.  
Stainless  
Steel

### PPTMT Pneumatic Installation Tool

- Power assisted tool for fast and effortless installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Automatic cut-off
- One hand operation – lightweight
- Easy removal of excess tie
- Operates 85 PSI (586 KPA Bar) non-lubricated air and requires no special maintenance



PPTMT

Part Number	Part Description	Std. Pkg. Qty.
PPTMT	Pneumatic Installation tool for use with the following stainless steel cross section ties: <ul style="list-style-type: none"> <li>• Type MLT: Standard, light-heavy, and heavy</li> <li>• Type MLTFC: Standard and heavy</li> <li>• Type MLTC and MLTDH: Heavy</li> </ul> Used with custom length banding cross sections: <ul style="list-style-type: none"> <li>• Type MB: Standard and heavy</li> <li>• Type MBC: Heavy</li> </ul> Automatically tensions and cuts off tie flush* when predetermined tension is reached, providing more reliable and consistent installations. Ideal for high production applications Installs both standard 0.18 in. (4.4mm) and heavy 0.31 in. (7.9mm) cross section ties with the flip of the knob.	1
PPH10	10.0' (3m) hose assembly (regulator to tool); includes a 0.13" (3.3mm) NPT male connector (to regulator) and 0.13" (3.3mm) female quick disconnect (to tool).	1
PL289N1	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 0.13" (3.3mm) NPT female output port (to hose PPH10) and 0.25" (6.4mm) male quick disconnect to source air line.	1
KPPTMTG	Replacement gripper kit for PPTMT.	1
KPPTMTB	Replacement blade kit for PPTMT.	1



Side Entry

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## PBTMT Battery Powered Installation Tool

- Lithium-Ion battery optimizes performance by installing more cable ties per charge
- Ergonomic tool design provides a compact lightweight body, reducing operator fatigue
- Automatic flush cut off enhances productivity with easy one hand installation
- Cable tie side entry allows quick side entry of tie into tool to speed installation
- 360° rotating head allows access to confined spaces
- Controlled tension mechanism provides consistent installations every time
- Battery indicator improves productivity with quick visual identification of battery life
- Variable speed trigger provides increased operator control, for easy installation



PBTMT



Part Number	Part Description	Std. Pkg. Qty.
PBTMT	Battery Powered Installation tool for use with the following stainless steel cross section ties: <ul style="list-style-type: none"> <li>• Type MLT and MLTFC: Heavy, extra-heavy, and super-heavy</li> <li>• Type MLTC: Heavy</li> <li>• Type MLTDH: Extra-Heavy and super-heavy</li> </ul> Used with custom length banding cross sections: <ul style="list-style-type: none"> <li>• Type MB and MBC: Heavy, extra-heavy, and super-heavy</li> </ul> 2 – 12 volt Lithium-Ion batteries and 115 volt, 60 Hz charger included	1

## MTRT Retained Tension Manual Installation Tools

- Adjustable detent mechanism provides user pre-set controlled tension for repeatable installations and maximum reliability
- Smooth cable tie cut-off eliminates burrs or sharp edges after installation to deliver added bundle protection and job site safety
- Tie tensioning mechanism provides improved durability compared to conventional gripper style tools
- Change over kits available to allow for installation of all tie cross sections with one tool



Part Number	Part Description	Std. Pkg. Qty.
MTRTH	Retained tension installation tool for use with Pan-Steel® heavy cross section MRT and MRS style ties and MRT double wrapped style ties.	1
MTRTLS	Retained tension installation tool for use with Pan-Steel® light-heavy and standard cross section MRT and MRS style ties and MRT double wrapped style ties.	1
KMTRTH	Change over kits allow for installation of heavy cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTH tools.	1
KMTRTLS	Change over kits allow for installation of light-heavy and standard cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTLS tools.	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

A.  
Cable  
Ties

### BT2HT Hand Operated Installation Tool for Strapping

- Strap side entry
- Multi-position rear handle provides flexibility for a one or two hand installation
- Adjustable tension control
- Easy removal of excess strap
- Installs (3) sizes: 0.38 inch (9.5mm), 0.50 inch (12.7mm), and 0.63 inch (15.9mm)
- Replacement cutter blade and handle available



Part Number	Part Description	Std. Pkg. Qty.
BT2HT	Installation tool for use with 0.38" (9.5mm), 0.50" (12.7mm), and 0.63" (15.9mm) widths of Panduit® Pan-Steel® Strapping. Tensions, cuts strapping, and secures the buckle tab. Lever cut off.	1
KRT2BLD	Replacement cutter blade for RT2HT and BT2HT.	1
KRT2HNDL	Replacement cutter handle for RT2HT and BT2HT.	1

B.  
Stainless  
Steel

### BT75SDT Hand Operated Installation Tool for MS75 Strapping

- Screw drive tension mechanism provides high tension with minimal effort, reducing operator fatigue
- Heavy duty construction offers a longer service life
- Strapping side entry allows quick side entry of the strap into tool to speed installation



Part Number	Part Description	Std. Pkg. Qty.
BT75SDT	Installation tool for use with 0.75" (19.1mm) width strapping only. Tensions and cuts strapping. Screwdriver required for buckle closure (not included).	1

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Wiring Duct Tools

Panduit® offers a selection of Panduct® Tools to aid cutting, modifying, and installing wiring duct.

Some of the features and benefits found in Panduct® Tools include:

- Wide selection of hand tools for cutting and installing wiring duct



A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.



### Panduct® Installation Tools

A.  
Cable  
Ties

- Panduit® Panduct® Bench Mount Wiring Duct Cutting Tool and Duct Cutting Tool easily cut Panduct® Wiring Duct and Cover
- DNT-100 notches duct sidewalls to bottom scoreline for tees and corner junctions
- TNR installs or removes Panduit nylon rivets, NR1-C and NR1-M, quickly and easily
- DFCT easily removes duct fingers in tight spaces

B.  
Stainless  
Steel



PBDCT



DCT



DFCT



DNT-100



TNR



NR1

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Part Number	Part Description	Std. Pkg. Qty.
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#### Duct Cutting Tools

PBDCT*	Panduit bench-mount duct cutting tool. Cuts slotted wiring ducts and wiring duct covers with up to 6" width and up to 5" height. Full 78.74" (2 meter) measuring scale. Includes safety guarding.	1
DCT	Hand-held duct cutting tool.	1

\*If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

#### Replacement Parts for Duct Cutting Tools

PBDCT-BLD	Replacement blade for PBDCT	1
WD25737B01	Replacement handle for PBDCT	1
DCT-BLD	Replacement blade kit with blade and nylon insert for DCT.	1
DCT-RI	Replacement nylon insert.	1

#### Duct Finger Cutting Tool (For use with all wide slotted duct types)

DFCT	Hand-held duct finger cutting tool	1
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#### Duct Notching Tool (For use with all wide slotted duct types)

DNT-100	Hand-held sidewall notching tool	1
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#### Nylon Rivet Installation Tool

TNR	Hand-held nylon rivet installation tool	1
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#### Nylon Rivets

NR1-C	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	100
NR1-M	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	1000

#### Notes:

- Always use approved safety goggles when using any tools.
- If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

Total Thickness of Panel and Duct		Panel Hole Dia. Needed		ANSI Standard Drill Bit
In.	mm	In.	mm	
0.158 – 0.187	4.0 – 4.7	0.187	4.7	#15
0.188 – 0.218	4.8 – 5.5	0.193	4.9	#11
0.219 – 0.250	5.6 – 6.4	0.203	5.2	#7
0.251 – 0.281	6.5 – 7.1	0.213	5.4	#4

## Terminal Crimping Tools

Panduit® offers a wide assortment of tools to provide solutions for installing terminals, disconnects, splices, ferrules and lugs. Panduit installation tools provide quality performance and ease of installation at the lowest installed cost. The long-term reliability of Panduit installation tools provides the highest level of service to meet customer requirements.



- **Ergonomic design to minimize operator effort**
- **Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp**
- **Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket**
- **Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs**
- **UL Listed and CSA Certified tooling/product combinations, as noted**

Panduit terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated Contour Crimp™ Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. Panduit terminal crimping tools are designed for use with Panduit terminals, providing the right solution for your termination needs.

All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.

A.  
Cable  
Ties

## Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints

### 1. Select the proper Panduit terminal for the application and wire size used

- Ring terminals are used for high vibration and grounding applications
- Fork terminals are used for static (non-vibration) applications
- Disconnects are used for applications that require quick connection of wires without the use of tools
- Splices and wire joints are used to join wires together



B.  
Stainless  
Steel

### 2. Strip wire to the proper length as specified on:

- Panduit product packaging label
- Packaging instructions included with the Panduit product
- Or if no packaging instructions are available, plan your strip length so that 1/32" of wire can be seen protruding through the tongue end of the terminal barrel



C.  
Wiring  
Duct

### 3. Select the proper crimp tool to be used

- Use crimping tools that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection
- Panduit terminals are UL Listed and CSA Certified when crimped with Panduit plier type crimping tool or with the preferred Contour Crimp™ Controlled Cycle Crimping Tool specified on the packaging label



Plier Type  
Crimping Tool



Contour Crimp™  
Controlled Cycle  
Crimping Tool

D.  
Terminals  
and  
Reel  
Smart™  
System

### 4. Select the proper crimp pocket for the terminals and wire size you are using

- Panduit crimping tools simplify this process with color-coded crimp pockets. The yellow, blue, and red pockets are specifically designed for the industry standard barrel sizes, each with a specific color code.



E.  
Power  
Connectors  
and  
Grounding

### 5. Perform the electrical crimp for the plier type tool Insulated Terminals and Disconnects

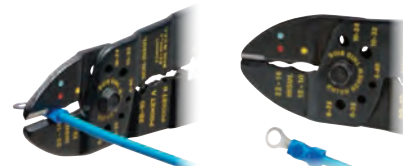
- Locate terminal in appropriate size color-coded crimp die pocket with tool centered on insulation sleeve. (See Note 1, page D.4)
- Rotate terminal so tongue is level with crimp die.
- Insert properly stripped wire into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.
- Squeeze tool handles firmly to perform the electrical crimp. (See Note 2, page D.4)
- Provide second crimp on the flared portion of the insulation housing to close the insulation as shown. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. (See Note 3, page D.4)



Step A

Step B

Steps C and D



Step E

Complete Crimp

Continues on next page

D.2

## Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

### Non-Insulated Terminals and Disconnects

- Locate terminal in appropriate wire gauge crimp die pocket with indenter centered on barrel seam.
- Rotate terminal so tongue is level with crimp die.
- Insert properly stripped wire (based on recommendations on package label) into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.
- Squeeze tool handles firmly to perform the electrical crimp. (See Note 2, page D.4)



Step A



Step B



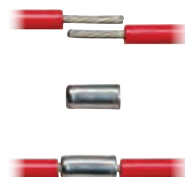
Steps C and D



Complete Crimp

### Insulated and Non-Insulated Parallel Splices

- Locate parallel splice in appropriate wire gauge crimp die pocket and position tool on the center of the splice.
- Rotate terminal so tongue is level with crimp die.
- Insert properly stripped wire (based on recommendations on package label) into each end of the parallel splice.
- Squeeze tool handles firmly. (See Note 2, page D.4)
- An insulation crimp is not required on an insulated parallel splice.



Steps A and B



Steps C and D



Complete Crimp

### Insulated and Non-Insulated Butt Splices

- Locate butt splice in appropriate color-coded crimp die pocket and position crimp halfway between the wire stop (center of splice) and the end of the insulation crimp area. (See Note 4, page D.4)
- Insert properly stripped wire (based on recommendations on package label) into one end of butt splice.
- Squeeze tool handles firmly to perform the electrical crimp (See Note 2, page D.4)
- Provide second crimp on the flared portion of the insulation housing to close the insulation. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. (See Note 3, page D.4)
- Repeat steps A – D for opposite end of butt splice. (See Note 3, page D.4)



Steps A and B



Step C



Steps D and E



Complete Crimp

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Continues on next page



A.  
Cable  
Ties

### Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

#### Insulated and Non-Insulated Wire Joints

- Properly strip wires per manufacturer's recommendations on product package label.
- Twist stripped wire ends together and insert wires into wire joint.
- Locate wire joint in appropriate wire gauge crimp die pocket and position crimp in the center of the metal insert.
- Squeeze tool handles firmly to perform the electrical crimp. (See Note 2 below)

Note: An insulation crimp is not required on an insulated wire joint.



Steps A and B



Steps C and D



Complete Crimp

B.  
Stainless  
Steel

C.  
Wiring  
Duct

#### NOTES for Crimping with the Preferred Hand Operated Controlled Cycle Crimping Tools:

- Panduit controlled cycle crimping tools properly locate rings, forks, and barrel insulated disconnects, and pins. No further positioning is required.
- When using the preferred controlled cycle tool, once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
- Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
- When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

#### Perform the electrical crimp using the preferred controlled cycle tool

- Make sure the terminal barrel is centered correctly in the right die pocket by using the product locator on the backside of the tool.
- Determine the correct die pocket to use based on the color code of the terminal.
- Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.
- Insert the wire and complete cycle to perform the electrical and insulation crimp simultaneously.
- Crimp is complete.



Step A



Step B



Step C



Step D



Complete Crimp

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

#### Inspect the crimp

Note: If your crimp looks like any of the examples shown below, cut off the terminal and re-crimp. These crimps would provide a poor connection!



Bent Back Strands



Over Crimp



Rotated Crimp

F.  
Part  
Number  
Index



## Perform the electrical crimp using the preferred controlled cycle ferrule tool

- A. Make sure the tool is in the full open position
- B. Strip the wire to the correct length shown on the ferrule packaging
- C. Rotate the locator to the respective position according to the size of the ferrule being crimped
- D. Insert the ferrule into the locator until fully seated
- E. Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.
- F. Insert the wire and complete cycle to perform the electrical.
- G. Crimp is complete.



Step A



Step B



Step C



Step D & E



Step F



CT-1160 Hexagon Crimp



CT-1170 Square Crimp



CT-1090 Trapezoid Crimp

## Cutting and Stripping wire using the Panduit ST-100 Tool

- A. Pinch the length locator together and slide it to the required stripping length
- B. Insert the wire and rest the end against the length locator until it stops
- C. Close the tool until the jaws release
- D. Remove the completed stripped wire



Step A



Step B



Step C

Complete Stripped wire



ST-100

**Note:** Tools is equipped with “Powerplus” to allow for fine adjustment depending on the insulation thickness

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
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### Hand Operated Plier Type Tools

A.  
Cable  
Ties

- Installer controlled crimp
- Available with wire stripping and cutting features
- Plier type crimp for #22 – 10 AWG insulated and non-insulated terminal products



CT-260



CT-200



CT-160



CT-100A

Part Number	Part Description	Std. Pkg. Qty.
CT-260	Crimps most Panduit® #22 – 10 AWG insulated and non-insulated terminals. Forged steel tool. Cuts wire.	1
CT-200	Forged steel tool. Crimps most Panduit #22 – 10 AWG non-insulated terminals, disconnects and splices. #12 – 10 AWG copper code conductor lugs. Cuts wire.	1
CT-160	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three metric screw sizes. Cuts and strips wire. Has insulation closure pocket.	1
CT-100A	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices, #12 – 10 AWG copper code conductor lugs. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles.	1

B.  
Stainless  
Steel

C.  
Wiring  
Duct

### Wire and Cable Stripping Tools

- Strips and cuts #20 – 10 AWG wire
- Rust resistant coating included to improve durability of tool
- Lightweight and durable for comfortable long use



Part Number	Wide Range (O.D.)	Part Description	Std. Pkg. Qty.
CST115	#20 – 10 AWG	Plier nose wire stripper.	1

D.  
Terminals  
and  
Reel  
Smart™  
System

### New Self-Adjusting Wire and Cable Cutting and Stripping Tool



- Strips and cuts #32-5AWG (0.03-16mm<sup>2</sup>) wire
- Adjustable stripping length from 3.0-21mm
- Designed to prevent damage or fanning of conductors
- Ergonomic lightweight design for easy mechanical action and less operator fatigue
- Easy blade storage in retractable handle cover
- No tools required to change the stripping blades



Part Number	Wide Range (O.D.)	Part Description	Std. Pkg. Qty.
ST-100	#32-5AWG (0.03 – 16mm <sup>2</sup> )	Self-Adjusting Wire Cutter and Stripper	1

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip



CT-1525



CT-1550



CT-1551



CT-1570



CT-1700



CT-1701



CT-1015

Part Number	Part Description	Std. Pkg. Qty.
CT-1525	Crimps Panduit® #26 – 22 AWG insulated terminals and splices, #22 – 10 AWG fully insulated disconnects and insulated parallel splices. Crimps Panduit #22 – 14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations.	1
CT-1551	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations.	1
CT-1570	Crimps most Pan-Term® #22 – 10 AWG and 0.5 – 6.0mm <sup>2</sup> non-insulated terminals and disconnects. Crimps Panduit #22 – 10 AWG and 0.5 – 6.0mm <sup>2</sup> non-insulated splices and #10 AWG compression lugs.	1
CT-1700	Crimps Panduit #8 – 2 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – 2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1
CT-1015	Crimps Panduit #22 – 14 AWG loose piece Supra-Grip™ Disconnects.	1

## Controlled Cycle Crimping Tools

- Specialty crimping tools for fully insulated right angle disconnects and heat shrink insulated terminals, disconnects, and splices
- Controlled cycle mechanism assures high quality, consistent terminations



CT-300-1

Part Number	Part Description	Std. Pkg. Qty.
CT-300-1	Crimps Panduit #22 – 14 AWG fully insulated right angle disconnects (DNFR-FIB series).	1
CT-310	Blue handle tool crimps Panduit #22 – 10 AWG heat shrink insulated terminals, disconnects, and splices.	1

## Controlled Cycle Crimping Tools – Ferrule End Sleeve

A.  
Cable  
Ties

- Specifically designed for the installation of Pan-Term® Ferrules
- Ergonomic tool design assures operator comfort, safety, and performance
- Controlled cycle mechanism assures high quality, consistent terminations
- Multi-position locator facilitates a high quality repeatable crimp



CT-1002



CT-1003



CT-1004



CT-1005



CT-1006



CT-1104



CT-1123



CT-1090



CT-1160



CT-1170



B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
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F.  
Part  
Number  
Index

Part Number	Part Description	Std. Pkg. Qty.
CT-1002	Controlled cycle crimp tool with trapezoid profile for #26 – 10 AWG (0.14 – 6.0mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and #22 – 12 AWG (0.50 – 4.0mm <sup>2</sup> ) insulated twin wire ferrules.	1
CT-1003	Controlled cycle crimp tool with trapezoid profile for #22 – 8 AWG (0.50 – 10.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #22 – 10 AWG (0.50 – 6.0mm <sup>2</sup> ) insulated twin wire ferrules.	1
CT-1004	Controlled cycle crimp tool with trapezoid profile for #8 – 6 AWG (10.0 – 16.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #10 AWG (6.0mm <sup>2</sup> ) insulated twin wire ferrules.	1
CT-1005	Controlled cycle crimp tool with trapezoid profile for #4 – 2 AWG (26.0 – 35.0mm <sup>2</sup> ) insulated and non-insulated ferrules.	1
CT-1006	Controlled cycle crimp tool with trapezoid profile for #1 AWG (50.0mm <sup>2</sup> ) insulated and non-insulated ferrules.	1
CT-1104	Controlled cycle crimp tool with square profile for #8 – 6 AWG (10.0 – 16.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #10 AWG (6.0mm <sup>2</sup> ) insulated twin wire ferrules.	1
CT-1123	Controlled cycle crimp tool with square profile for #26 – 8 AWG (0.14 – 10.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #22 – 12 AWG (0.50 – 4.0mm <sup>2</sup> ) insulated twin wire ferrules.	1
CT-1160	Controlled Cycle Ferrule Crimp Tool with Hexagon profile for 28-5 AWG (0.08 - 16 mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and 23-10 AWG (2 x 0.25mm <sup>2</sup> - 2x 6mm <sup>2</sup> ) insulated twin ferrules.	1
CT-1170	Controlled Cycle Ferrule Crimp Tool with Square profile for 28-5 AWG (0.08 - 16 mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and 23-10 AWG (2 x 0.25mm <sup>2</sup> - 2x 6mm <sup>2</sup> ) insulated twin ferrules.	1
CT-1090	Controlled Cycle Ferrule Crimp tool with square profile for #26 - 10 AWG (0.14-6.0mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm <sup>2</sup> ) insulated twin ferrules.	1



## Semiautomatic Ferrule Crimping Tool – CT-1000

- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Adjustable die setting allows termination of all Panduit #20 – 14 AWG continuously molded ferrules with a single tool
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency



Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm <sup>2</sup> ) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

## Controlled Cycle Crimping Tools – In-Line

- Military specialty tools help meet military and nuclear test requirements for Class 2 applications
- Calibration-recalibration is possible for maintaining exact crimp dimensions
- In-line crimp action for greater dielectric strength with uniform insulation compression



Part Number	Part Description	Std. Pkg. Qty.
CT-400	Crimps #22 – 14 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1
CT-460	Crimps #16 – 10 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.21 - D.23, in this catalog.

## Pneumatic Crimping Tool

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements; this tool, when used with only four crimp heads, can crimp a full range of #26 – 10 AWG insulated and non-insulated terminal products



Part Number	Part Description	Std. Pkg. Qty.
CT-600-A	Pneumatic tool, 6' air hose and carrying case. Does not include crimping heads (ordered separately).	1
CT-500CH	Crimping head for most #22 – 14 insulated terminals, splices, and disconnects.	1
CT-520CH	Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals.	1
CT-550CH	Crimping head for most #22 – 10 insulated terminals and splices.	1
CT-570CH	Crimping head for #22 – 10 non-insulated terminals, splices, and disconnects. #14 – 10 AWG copper code conductor lugs.	1
PD-600-A	Positioning device (for bench mounting of CT-600-A).	1
FPC-600-A	Foot actuator operating air pressure: 80 – 100 psi 0.233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator.	1
K600-A	Update kit for foot pedal control and positioning device to work with new CT-600-A pneumatic crimping tool.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.21 - D.23, in this catalog.



### Die Type, Manual, Crimping Tool

A.  
Cable  
Ties

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit® copper and aluminum lugs, splices insulated terminals



Part Number	Part Description	Std. Pkg. Qty.
<b>CT-720</b>	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – 2 AWG vinyl insulated terminals.  Color-coded CD-720 crimping dies, carrying/storage case, and controlled cycle mechanism must be purchased separately.  Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
<b>CC-720</b>	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
<b>C-720</b>	Black steel carrying case for CT-720 crimping tool.	1

For battery powered crimping tools, see compression connector tools selection guide on pages D.21 - D.23.

B.  
Stainless  
Steel

C.  
Wiring  
Duct

### CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance



CD-720PV8-2

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	
<b>CD-720-1</b>	#8 – 2 AWG	Red P21 Blue P24 Gray P29 Brown P33	#6 AWG	Gray P29	1
<b>CD-720-2</b>	#1 – 3/0 AWG	Green P37 Pink P42 Black P45 Orange P50	#4 – 1/0 AWG	Green P37 Pink P42 Gold P45 Tan P50	1
<b>CD-720-3</b>	4/0 AWG – 250 kcmil	Purple P54 Yellow P62	2/0 – 3/0 AWG	Olive P54 Ruby P62	1
<b>CD-720-4</b>	300 kcmil	White P66	4/0 AWG	White P66	1
<b>CD-720-5</b>	350 kcmil	Red P71	250 kcmil	Red P71	1
<b>CD-720-6</b>	400 kcmil	Blue P76	300 kcmil	Blue P76	1
<b>CD-720-7</b>	500 kcmil	Brown P87	350 kcmil	Brown P87	1
<b>CD-720PV8-2</b>	#8 – 2 AWG, Vinyl Insulated Pan-Term® Terminals	Red, Blue, Yellow	—	—	1

See pages D.21 - D.23 for connector and tool selection information.

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

# PANDUIT BlackFin™ Installation Tools

## Meets OSHA Mandated Electrical and Mechanical Product Safety Requirements

- Certified by CSA, an OSHA Accredited NRTL (nationally recognized test lab) to meet mandatory OSHA Requirements
- Meets requirements of Safety for Handheld, Motor-Operated Electric Tools (UL 60745-1, CSA C22.2 No 60745-1)
- Prevention of fire, shock, mechanical, noise hazards to workers

## Meets requirements of EU Machinery Directive and EMC Directive

- Certified by SiQ to IEC/EN 62841-1: Safety of Electric Motor-Operated Magnetically Driven Hand Tools
- Tested to EN 61000 series: Electromagnetic Compatibility Environment

## Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

# FINs – Fast Intelligent Notification Software

## Statistical documentation and evaluation of crimping process world

## Simple and Easy to use Home Screen for: Project Tracking and Status, Operations Log, Service Reports

### Key performance Metrics:

- Number of Cycles
- Last maintenance
- Project status
- Quality Control Documents: Service log and Test Certificate
- Waveform Crimp Performance

## Service Interval Level Pressure Values in PSI or BAR



### Panduit CT-USB

Part Number	Part Description	Std. Pkg. Qty.
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS)	1

Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)

Company		Date						
1		04 November 2016						
Operator		Time						
1		15:10:16						
Project								
1								
Serial number		ALR8148/9K5001						
Number of crimps		99						
Minimum desired pressure value (psm)		365 p						
Service interval		999999						
Pressure unit		bar						
Total values since manufacturing (manufactured on 11 May 2016)								
Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < psm	Pressure values p > psm				
				min	max1	max	Standard deviation	
99	0.478	0.08	3	1	362	403.4	418.3	2.2
				on manual retraction (motor not in operation)				
				on automatic retraction (motor in operation)				
Values since last maintenance (serviced on 11 May 2016)								
Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < psm	Pressure values p > psm				
				min	max1	max	Standard deviation	
99	0.478	0.08	3	1	362	403.4	418.3	2.2
				on manual retraction (motor not in operation)				
				on automatic retraction (motor in operation)				
Last low pressure incidents								
Counter reading (bars)	Peak pressure on manual retraction (motor not in operation)	Counter reading (bars)	Peak pressure on automatic retraction (motor in operation)					
48	394	8	387.6					
44	348.7	0	0					
5	43	0	0					
0	0	0	0					
0	0	0	0					
Note:								
04 November 2016								
Date								

A.  
Cable  
Ties

# What is FINS – Panduit’s Fast and Intelligent Notification Software

- Statistical performance of all cycles, integrity of operation and other tool metrics
- Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)

## Detailed work history

- Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information

B.  
Stainless  
Steel

## Accountability

- Prove that the job was done correctly with operation and project specific documentation

## Diagnostics

- Set and view maintenance intervals and add user identifiable information to manage your inventory
1. Download FIN software from [www.panduit.com/blackfin](http://www.panduit.com/blackfin)
  2. Connect CT-USB to your computer
  3. Open Panduit FIN Software
  4. Place FIN Infrared indicator on tool optical interface; pull trigger

C.  
Wiring  
Duct

## Operation Log

- Printable performance overview
- Differentiate your workforce with accountability

## BlackFin™ Tool Performance Interface

- Home navigation screen for waveforms, project start, project log, and operation log project specific documentation
- Three key measurables; number of cycles since manufacture, last maintenance, and project
- Service interval level with grace period setting
- Shows recent pressure values in PSI

E.  
Power  
Connectors  
and  
Grounding

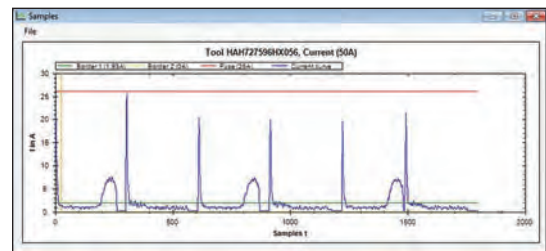
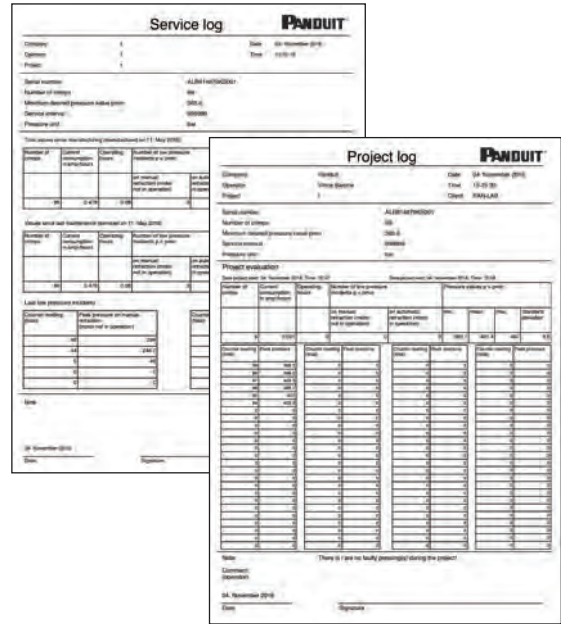
## Waveform: Real Time Assurance

- View battery information and nominal PSI performance in real time

## Description

- 3 phase operation log for tracking tool output
- PDF downloadable work history
- Programmable service intervals
- Waveform - real time pressure and amperage monitoring
- Low pressure incident detail
- Inventory management / tool identification capabilities
- Windows based

F.  
Part  
Number  
Index





## CT-2300/ST Battery Powered Micro-Crimping Tool



- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive. Certified to SiQ to IEC/EN 62841-1, Tested to EN 61000 series.
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Quick 1.5 second controlled cycle crimping, depending on the cross- section, results in less time to crimp terminals compared to conventional methods
- Lightweight 2.11 lb (0.96 Kg) with battery ergonomic design provides maximum productivity and ease of use in continuous workflow operations
- Interchangeable crimp dies for termination of all Panduit #22 – 10 AWG terminals, disconnects, splices, #26 – 10 AWG (0.14 – 6.0mm<sup>2</sup>) singles wire ferrules, #22 – 12 AWG (0.05 – 4.0mm<sup>2</sup>) twin wire ferrules and #14 AWG - 10 AWG copper lugs
- Crimping force 1.7 Tons (15kN)
- High-performance 10.8 V 1.5 Ah Li-ion battery with high capacity and extremely short charging time ~15 min.
- Electronic controlled and monitoring to ensure complete crimp cycle
- Integrated measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter (CT-USB) and Panduit FINS Software
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant



CT-2300/ST

Part Number	Part Description	Std. Pkg. Qty.
<b>Crimp Tools</b>		
CT-2300/ST	1.7 Ton Battery Powered Micro-Crimping Tool Crimps Panduit: <ul style="list-style-type: none"> <li>• #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices</li> <li>• #26 – 10 AWG (0.14 – 6.0mm<sup>2</sup>) insulated and non-insulated singles wire ferrules</li> <li>• #22 – 12 AWG (0.05 – 4.0mm<sup>2</sup>) insulated twin wire ferrules</li> <li>• #14 – 10 AWG copper code conductor lugs</li> </ul> Specifications: Crimp Force: 1.7 Ton (0.5kg) Dimensions: 10" (253mm) L x 3 5/8" (64mm) H x 2 1/2" (93mm) W with battery Weight: 2.11 lb. (0.96Kg) with battery Crimp Cycle time = 1.5 second controlled cycle crimp Warranty: 2 years  Includes tool, 10.8 V 1.5 Ah Li-Ion battery, 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.	1
CT-2300/INT	1.7 Ton Battery Powered CE Approved Micro-Crimping Tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type C Plug and molded carrying case. Crimp dies not included.	1
CT-2300/UK	1.7 Ton Battery Powered crimping tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type G Plug and molded carrying case. Crimp dies not included.	1
CT-2300/AUS	1.7 Ton Battery Powered crimping tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type I Plug and molded carrying case. Crimp dies not included.	1
CT-2300/TO	Bare 1.7 Ton Battery Powered Micro-Crimping Tool Only No batteries, charger or case.	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Continues on next page





## CT-2300/ST Battery Powered Micro-Crimping Tool (continued)



A.  
Cable  
Ties



CD-550

B.  
Stainless  
Steel



CD-525

C.  
Wiring  
Duct



CD-090



D.  
Terminals  
and  
Reel  
Smart™  
System



CT-2500/LBC

E.  
Power  
Connectors  
and  
Grounding



CT-2500/LCHR



CT-2500/LECHR

F.  
Part  
Number  
Index



CT-USB Adapter

Part Number	Part Description	Std. Pkg. Qty.
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### Die Inserts for Use with the Panduit CT-2300 Crimping Tool

CD-550	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-525	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-570	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #14 – 10 AWG non-insulated terminals, disconnects, and splices. #14 – 10 AWG copper code conductor lugs.	1
CD-090	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #26 - 10 AWG (0.14-6.0mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm <sup>2</sup> ) insulated twin ferrules with a square profile.	1

Part Number	Part Description	Std. Pkg. Qty.
-------------	------------------	----------------

### Accessories

CT-2500/LCHR	U.S. compatible 120 V battery charger for use with the CT-2500/L and CT-2300/ST.	1
CT-2500/LECHR	CE compliant EU 230 V battery charger for use with the CT-2500/LE and CT-2300/ST.	1
CT-2500/LBC	Rechargeable tool battery for use with the CT-2500/L and CT-2300/ST.	1
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS).	1





## CT-2500/L Battery Powered Crimping Tool



- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Quick 2-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Lightweight 2.81 lb. (1.28) Kg design provides maximum productivity and ease of use in continuous workflow operations

- Interchangeable crimp heads for termination of all Panduit #22 – 10 AWG terminals, disconnects, splices, #26 – 6 AWG Ferrules singles wire ferrules #22 – 10 AWG insulated twin ferrules and #14 – 10 AWG copper code conductor lugs
- Crimping force 1.7 Tons (15kN)
- High-performance 10.8 V 1.5 Ah Lithium-ion battery with high capacity and extremely short charging time ~15 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter (CT-USB) and Panduit FINS Software
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant



CT-2500/L



Tool with Crimp Head



CT-2550CH



CT-2523CH

Part Number	Part Description	Std. Pkg. Qty.
<b>Crimp Tools</b>		
CT-2500/L	1.7 Ton Battery Powered crimping tool Crimps Panduit: • #22 – 10 AWG (0.05 – 6.0mm <sup>2</sup> ) insulated and non-insulated terminals, disconnects, and splices • #26 - 6 AWG (0.14 - 16.0mm <sup>2</sup> ) insulated and non-insulated single wire ferrules • #22 - 10 AWG (0.05 - 6.0mm <sup>2</sup> ) insulated twin ferrules  Specifications: Crimp Force: 1.7 Ton (0.5kg) Dimensions: 3.5" (88.9) L x 11.0" (292.0) H x 2.5" (63.5) W with battery Weight 2.81 lb. (1.28Kg) with battery Crimp cycle time = 2-4 seconds depending on cross-section Warranty: 2 years  Includes tool, two 10.8 V 1.5 Ah Li-On batteries, 120 V battery charger and molded carrying case. Crimp heads not included. Crimp Heads and Die part numbers listed below	1
CT-2500/LE	1.7 Ton Battery Powered CE Approved crimping tool w/ two 1.5 Ah Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp heads not included. Crimp Heads and Die part numbers listed below	1
<b>Crimp Head Frames</b>		
CT-2550CH	Crimps Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CT-2525CH	Crimps Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CT-2570CH	Crimps Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
CT-2500CH	Blank Crimp Head for use with CD-525, CD-550 CD-570 and CD-090 Die Inserts.	1
CT-2523CH	Crimps Panduit #26 - 8 AWG (0.14 - 10.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #22 - 12 AWG (0.50 - 4.0mm <sup>2</sup> ) insulated twin wire ferrules - Square profile.	1
CT-2504CH	Crimps Panduit #8 - 6 AWG (10.0 - 16.0mm <sup>2</sup> ) insulated and non-insulated ferrules and #10 AWG (6.0mm <sup>2</sup> ) insulated twin wire ferrules - Square profile.	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## CT-2500/L Battery Powered Crimping Tool (continued)



A.  
Cable  
Ties



CD-550



CD-525



CD-090



Part Number	Part Description	Std. Pkg. Qty.
<b>Die Inserts for Use with CT-2500CH Crimp Head Frame</b>		
CD-550	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-525	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-570	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices. #14 – 10 AWG copper code conductor lugs.	1
CD-090	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #26 - 10 AWG (0.14-6.0mm <sup>2</sup> ) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm <sup>2</sup> ) insulated twin ferrules with a square profile.	1

B.  
Stainless  
Steel

C.  
Wiring  
Duct



CT-2500/LBC



CT-2500/LCHR



CT-2500/LECHR



CT-USB Adapter

Part Number	Part Description	Std. Pkg. Qty.
<b>Accessories</b>		
CT-2500/LCHR	U.S. compatible 120 V battery charger for use with the CT-2500/L and CT-2300/ST.	1
CT-2500/LECHR	CE compliant EU 230 V battery charger for use with the CT-2500/LE and CT-2300/ST.	1
CT-2500/LBC	Rechargeable tool battery for use with the CT-2500/L and CT-2300/ST.	1
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS).	1

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool



- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals. 8 AWG – 300 kcmil copper Code lugs and splices. 6 AWG – 2/0 AWG dual rated aluminum lugs and splices
- Quick 3-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight 4.0 lbs (1.8 kg) design provides maximum productivity and ease of use in continuous workflow operations
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- Slim 360° rotations crimp head design allows use in limited space areas
- Crimping force 4.0 Tons (35kN)
- High-performance 18 V 2.0 Ah Li-ion battery with high capacity and extremely short charging time ~22 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Evaluation function via optical interface and optional CT-USB adapter accessory and Panduit FINS software downloadable from Panduit website
- One-button operation controls all tooling functions
- LED work light for workplace illumination
- Multifunction LED for maintenance display, battery charge status indicator and data transfer via CT-USB adapter & FINS software

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



CT-2600/L



CT-LIBCMK2AH

Part Number	Part Description	Std. Pkg. Qty.
<b>Crimping Tools</b>		
CT-2600/L	4.0 Ton Battery Powered crimping tool Crimps Panduit® tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR** insulated ring terminals. 8 AWG - 300 kcmil copper Code lugs and splices. 6 AWG - 2/0 AWG dual rated aluminum lugs and splices  Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.25" (336.5) H x 4.5" (114) L x 2.87" (72.9) W with battery Weight 4.0 lbs (1.8 kg) with battery; Crimp cycle time = 3-4 seconds depending on cross-section Warranty: 2 years  CT-2600/L includes: Tool with crimp head, two 18 V 2.0 Ah Makita* Li-On batteries, one 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.	1
CT-2600/LINT	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp dies not included.	1
CT-2600/LUK	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type G Plug and molded carrying case. Crimp dies not included.	1
CT-2600/LAUS	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type I Plug and molded carrying case. Crimp dies not included.	1
CT-2600/TO	Bare 4.0 Ton Battery Powered Crimping Tool No batteries, charger or case.	1

\*Makita is a registered trademark of Makita Corporation. \*\*KYNAR is a registered trademark of Atofina Chemicals, Inc.

Continues on next page



## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool



Part Number	Part Description	Std. Pkg. Qty.
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### Crimp Die Inserts

<b>CD-2600-P8</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit P8 and P8-HT6 series large wire, high temperature, non-insulated ring terminals.	1
<b>CD-2600-P6</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit P6 and P6-HT6 series large wire, high temperature, non-insulated ring terminals.	1
<b>CD-2600-P4</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit P4 and P4-HT6 series large wire, high temperature, non-insulated ring terminals.	1
<b>CD-2600-P2</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit P2 and P2-HT6 series large wire, high temperature, non-insulated ring terminals.	1
<b>CD-2600-PV8</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR** insulated ring terminals.	1
<b>CD-2600-PV6</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR** insulated ring terminals.	1
<b>CD-2600-PV4</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR** insulated ring terminals.	1
<b>CD-2600-PV2</b>	Used with CT-2600/L and CT-2600/LINT to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR** insulated ring terminals.	1

\*\* KYNAR is a registered trademark of Atofina Chemicals, Inc.

## KC-4 and KA-4 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance



Part Number	Copper Code Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
<b>KC4-8</b>	#8 AWG	Red	1
<b>KC4-6</b>	#6 AWG	Blue	1
<b>KC4-4</b>	#4 AWG	Gray	1
<b>KC4-2</b>	#2 AWG	Brown	1
<b>KC4-1</b>	#1 AWG	Green	1
<b>KC4-1/0</b>	1/0 AWG	Pink	1
<b>KC4-2/0</b>	2/0 AWG	Black	1
<b>KC4-3/0</b>	3/0 AWG	Orange	1
<b>KC4-4/0</b>	4/0 AWG	Purple	
<b>KC4-250</b>	250 kcmil	Yellow	
<b>KC4-300</b>	300 kcmil	White	

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Part Number	Aluminum Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
<b>KA4-6</b>	#6 AWG	Gray	1
<b>KA4-4</b>	#4 AWG	Green	1
<b>KA4-2</b>	#2 AWG	Pink	1
<b>KA4-1</b>	#1 AWG	Gold	1
<b>KA4-1/0</b>	1/0 AWG	Tan	1
<b>KA4-2/0</b>	2/0 AWG	Olive	1

See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool Accessories



### A/C Adapters for BlackFin Battery Powered Tools



CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

### Makita\* Battery Chargers for BlackFin Battery Powered Tools



CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

### Makita\* 18 V Lithium-Ion Rechargeable Batteries for BlackFin Tools



CT-LIBCMK3AH

Part Number	Part Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-On 18 V, 3.0 Ah Replacement Battery	1
CT-LIBCMK2AH	Makita* Li-On 18 V, 2.0 Ah Replacement Battery	1
CT-LIBCMK3AHINT	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (Australia Use)	1

\*Makita is a registered trademark of Makita Corporation.

### FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface
- Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)



CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1



### Large Ferrule Crimping Dies

Large Ferrule crimping dies are designed to snap into battery powered crimping tools to install ferrule onto the stripped ends of #1 AWG to 500 kcmil flexible cables - Classes DLO, H, I, K and M.

- Interchangeable dies allows the use of one power tool for multiple wire sizes
- Snap in mounting delivers less than a 20 second exchange of die sets: no tools needed for additional labor savings
- Dies are made of chrome plated steel to insure up to 50,000 cycles and protection against corrosion
- Impressed die index number provides a quick post crimp inspection of ferrule for superior performance and quality assurance
- 2.9 second cycle time, 26% faster than most comparable tools to deliver quick and quality terminations
- Designed to minimize the profile of the crimped end of wire to assist feeding into the connector wire entries
- Die sets for #1 AWG to 500 kcmil
- 6-ton tool frame of CT-3001 provides sufficient compression of ferrules during crimping to prevent wire pull out and deliver a secure connection



CD-920-F-Series



CT-3001/ST



CT-920CH  
See Page E.28

Part Number	Used with Tool*	Wire Size (AWG)	Wire Size (mm <sup>2</sup> )	Ferrule Series
CD-920-F87	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	1 AWG – 1/0	50.0	F87, FSD87
CD-920-F89	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	2/0	70.0	F89, FSD89
CD-920-F90	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	3/0	95.0	F90, FSD90
CD-920-F91	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	4/0 – 250 kcmil	120.0	F91, FSD91
CD-920-F92	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	300 kcmil	150.0	F92, FSD92
CD-920-F93	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	350 kcmil	185.0	F93
CD-920-F94	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	400 – 500 kcmil	240.0	F94

\*Requires Adapter UA22 for CT-3001/CCP and UA12TKL for CT-2920/CCP and CT-920CH/CCP.



CD-2001-F Series

Part Number	Used with Tool*	Wire Size (AWG)	Wire Size (mm <sup>2</sup> )	Ferrule Series
CD-2001-F87	CT-3001	1 AWG – 1/0	50.0	F87, FSD87
CD-2001-F89	CT-3001	2/0	70.0	F89, FSD89
CD-2001-F90	CT-3001	3/0	95.0	F90, FSD90
CD-2001-F91	CT-3001	4/0 – 250 kcmil	120.0	F91, FSD91
CD-2001-F92	CT-3001	300 kcmil	150.0	F92, FSD92
CD-2001-F93	CT-3001	350 kcmil	185.0	F93
CD-2001-F94	CT-3001	400 – 500 kcmil	240.0	F94

\*Also compatible with the CT-2001 and CT-3001/E.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools													Controlled Cycle Hand Tools					Crimp Heads for Pneumatic CT-600-A Tool					
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/ST	CT-500CH	CT-520CH	CT-550CH	CT-570CH		
BS	Non-insulated butt splices	26-22	1/4	X	X																						
		22-18	9/32	X	X	X	X																			X	
		16-14	9/32	X	X	X	X																				X
		12-10	9/32	X	X	X	X																				X
BSH	Heat shrink splices	22-18	5/16																								
		16-14	5/16																								
		12-10	5/16																								
BSN	Nylon insulated butt splices	26-22	1/4	X																						X	
		22-18	9/32	X			X																				
		16-14	9/32	X	X		X																				
		12-10	9/32	X	X		X																				X
BSV	Vinyl insulated butt splices	22-18	5/16	X	X		X																				
		16-14	5/16	X	X		X																				X
		12-10	5/16	X	X		X																				X
D, DR	Non-insulated sleeved barrel disconnects (includes right angle disconnects)	22-18	9/32	X	X	X	X																				X
		16-14	9/32	X	X	X	X																				X
		12-10	9/32	X	X	X	X																				X
D-M	Non-insulated male blade adapters	22-18	9/32	X	X	X	X																				X
		16-14	9/32	X	X	X	X																				X
D-M	Non-insulated male disconnects	12-10	9/32	X		X	X																				X
D-MB, DR-B	Non-insulated right angle female disconnects and non-insulated male butted seam disconnects	22-18	9/32	X	X	X	X																				
		16-14	9/32	X	X	X	X																				
DNF	Nylon, funnel entry, barrel insulated disconnects (not 0.110/0.111)	22-18	9/32		X		X																				
		16-14	9/32		X		X																				X
DNF-110, DNF-111	Nylon, funnel entry barrel insulated disconnects, 110/.111 tab size	22-18	7/32	X																							
		16-14	9/32		X																						
DNF-FI	Nylon, fully insulated disconnects	22-18	9/32	X	X		X																				X
		16-14	9/32	X	X		X																				X
		12-10	3/8	X	X		X																				X
DPF-FI	Premium nylon, fully insulated disconnects	12-10	3/8	X	X		X																			X	
DNF-FIB, DNF-FIM, DNF-FIMB, DPF-FIB, DPF-FIMB	Nylon and premium grade nylon, fully insulated, funnel entry, male/female couplers (not 0.110/0.111)	22-18	9/32	X																							
		16-14	9/32	X																							
		12-10	3/8																								
DNF-FIB, DPF-FIB	Nylon and premium grade nylon, fully insulated, funnel entry disconnects 0.110/0.111 tab size	22-18	7/32	X																							X
DNF-FIBX	Nylon, expanded wire entry fully insulated	22-18	9/32	X																							
		16-14	9/32	X																							

Tool/product approved combinations indicated on individual product pages.

Continues on next page

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

## Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools										Crimp Heads for Pneumatic CT-600-A Tool							
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
DNF-M	Nylon insulated, funnel entry, barrel insulated, male disconnects	22-18	9/32	X	X	X								X	X			X	X	X	X				
		16-14	9/32	X	X	X								X	X			X	X	X	X				
		12-10	9/32	X	X	X						X		X	X			X	X			X			
DNFR-B	Nylon pre-insulated, right angle disconnects	22-18	9/32										X				X	X							
		16-14	9/32										X				X	X							
DNFR-FIB	Nylon butted seam, right angle disconnects	22-18	11/32					X																	
		16-14	11/32					X																	
DNG-FB	Supra Grip™ Nylon, Fully Insulated Disconnects (except DNG14-187FB and DNG14-188FB)	22-18	1/4										X												
		16-14	1/4										X												
DNH	Heat shrink disconnects	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
DV	Vinyl barrel insulated sleeved disconnects	12-10	9/32	X									X	X			X	X				X			
DV-B	Vinyl insulated, butted seam disconnects	22-18	1/4	X									X				X	X		X					
		16-14	1/4	X									X				X	X		X					
DV-M	Vinyl barrel insulated male blade adapters	22-18	9/32	X	X	X				X				X	X		X	X	X	X	X	X	X		
		16-14	9/32	X	X	X				X	X			X	X		X	X	X	X	X	X	X		
DV-M	Vinyl insulated male disconnects	12-10	9/32	X		X																	X		
DV-MB	Vinyl insulated butted seam male disconnects	22-18	9/32	X						X			X				X	X	X	X	X	X	X		
		16-14	9/32	X						X	X		X				X	X	X	X	X	X	X		
DV-P	Vinyl insulated piggyback disconnects	22-18	1/4	X	X	X							X	X		X	X	X	X	X	X	X	X		
		16-14	1/4	X	X	X							X	X		X	X	X	X	X	X	X	X		
DVF	Vinyl funnel entry barrel insulated female disconnect	22-18	9/32										X	X		X	X	X	X	X	X	X	X		
		16-14	9/32										X	X		X	X	X	X	X	X	X	X		
J	Non-insulated wire joints	J214-312	14-12	1/2	X	X																			
		J318-412	18-12	1/2	X	X																			
		J216-410	16-10	3/4		X																			
		JN	Nylon insulated wire joints																						
JN	Nylon insulated wire joints	JN224-318	24-16	7/16	X	X	X			X			X	X		X	X	X	X	X	X	X	X		
		JN218-216	22-16	7/16	X	X				X			X	X		X	X	X	X	X	X	X	X		
		JN418-212	18-12	1/2	X	X				X			X	X		X	X	X	X	X	X	X	X		
		JN314-412	14-12	5/8		X																			
P-HDR	Non-insulated heavy duty rings	16-12	9/32	X		X	X								X	X	X	X					X		
P-P	Non-insulated pin terminals	22-18	9/32	X	X	X	X								X	X	X	X					X		
		16-14	9/32	X	X	X	X								X	X	X	X					X		
		12-10	9/32	X	X	X	X								X	X	X	X					X		
P-R	Non-insulated large ring terminals	8	3/8														X	X							
		6	7/16														X	X							
		4	1/2														X	X							
		2	1/2														X	X							

Tool/product approved combinations indicated on individual product pages.

Continues on next page

## Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools			Controlled Cycle Hand Tools											Crimp Heads for Pneumatic CT-600-A Tool									
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH		
P-R, P-F, P-LF, P-FF	Non-insulated rings, forks, locking forks, flanged forks	26-22	3/16	X		X	X																				
		22-18	9/32	X	X	X	X									X		X		X						X	
		16-14	9/32	X	X	X	X									X		X		X							X
		12-10	9/32	X	X	X	X									X	X	X		X							X
P-RHT6	High temperature rings	22-18	9/32	X	X	X	X									X		X		X						X	
		16-14	9/32	X	X	X	X									X		X		X							X
		12-10	9/32	X	X	X	X									X	X	X		X							X
		8	3/8																	X							
		6	7/16																	X							
		4	1/2																	X							
PH	Heat shrink terminals	22-18	5/16								X																
		16-14	5/16								X																
		12-10	5/16								X																
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon and nylon funnel entry forks, locking forks, flanged forks (includes expanded insulation)	26-22	3/16	X										X				X	X								
		22-18	7/32	X								X			X	X		X	X	X	X	X				X	
		16-14	7/32	X								X	X		X	X		X	X	X	X	X				X	
		12-10	9/32	X								X			X	X		X	X	X	X	X				X	
PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16-12	9/32								X			X	X		X	X							X		
PS	Non-insulated parallel splices	22-18	5/16	X		X	X																				
		20-16	5/16	X		X	X																				
		14-12	7/16	X		X	X																				
PSN	Nylon insulated parallel splices	22-18	5/16											X				X	X			X					
		20-16	5/16	X	X		X							X				X	X			X					
		14-12	7/16												X				X	X					X		
PK-R	KYNAR ■ rings	22-18	7/32	X			X				X			X	X		X	X	X	X	X					X	
		16-14	7/32	X			X				X			X	X		X	X	X	X	X					X	
		12-10	9/32	X										X	X		X	X	X	X	X					X	
		8	3/8																	X							
		6	7/16																	X							
		4	1/2																	X							
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16-12	5/16										X		X	X		X	X							X	
		PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22-18	5/16	X			X			X			X	X		X	X	X	X	X				X	
		16-14		5/16	X							X	X		X	X		X	X	X	X	X				X	
PV-P	Vinyl insulated pin terminals	12-10	5/16	X	X									X	X		X	X	X	X	X					X	
		22-18	5/16	X	X		X							X	X		X	X	X	X	X					X	
		16-14	5/16	X	X		X							X	X		X	X	X	X	X					X	
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl insulated rings and forks (includes expanded insulation)	26-22	3/16	X										X				X	X								
		22-18	5/16	X	X		X					X			X	X		X	X	X	X	X				X	
		16-14	5/16	X	X		X					X	X		X	X		X	X	X	X	X				X	
		12-10	5/16	X	X		X					X			X	X		X	X	X	X	X				X	
PV-R, PV-RX	Vinyl insulated large ring terminals	8	3/8					X‡										X									
		6	7/16					X‡										X									
		4	1/2					X‡										X									
		2	1/2					X‡										X									

■ KYNAR is a registered trademark of Atofina Chemicals, Inc.  
‡Use Die CD-720PV8-2.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index



### Semi-Automatic Ferrule Installer - CP-881

A.  
Cable  
Ties

- The automated microprocessor feature provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) to reduce the average manual processing cycle time from 8 – 10 seconds to 1.5 seconds
- For use with Panduit® continuously molded #20 – 14 AWG (0.5 – 2.5mm<sup>2</sup>) DIN ferrules on reels of 1500 – 3000 or mini-reels of 500 – 1000 pieces to deliver a superior solution for quality, high volume terminations
- Digital LCD cycle counter display with reset button for batch quantity counting improves accuracy and efficiency
- Color coded die inserts allow visual matching between parts and die sets for fast efficient change over and reduced mismatching
- Lightweight with built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity

B.  
Stainless  
Steel



#### CP-881

A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm<sup>2</sup>) ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

C.  
Wiring  
Duct

#### CP-881/E: 230V European version with type “C” plug

A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm<sup>2</sup>) ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

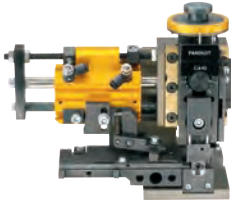
D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Reel Smart™ Ferrule Applicator – SCA-712022002 (CA10)

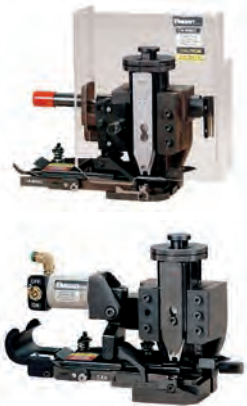
- Designed for use with continuously molded ferrules in reels of 1,500 - 3,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
SCA-712022002 (CA10)	Applicator used to terminate entire line of Reel Smart™ Continuously Molded Ferrules on reels. For use with UC 200 (CP-871) Electric Press and SCA (CD10) series die sets.	1
SCA-712022005WE (CD10-1)	Die insert to be used with the CA10 applicator to terminate FSD75 and FSD76 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022006WE (CD10-2)	Die insert to be used with the CA10 applicator to terminate FSD77 and FSD78 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022007WE (CD10-3)	Die insert to be used with the CA10 applicator to terminate FSD80 Reel Smart™ Continuously Molded Ferrules.	1

## CA9 Ezair™ and CA-800EZ Applicators

- Designed to terminate all continuously molded terminals, disconnects, and splices in reels of 500 - 3,000 for high volume applications
- Precision terminal indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) & UC100 electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets allow for fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
CA-800EZ*	Applicator: runs in the AMP* Model T and K bench presses. True “quick change” applicator — no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 series die inserts.	1
CA9	CA9 Ezair™ Applicator: terminates the entire Reel Smart™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes downtime and increases productivity. Fast, easy loading of terminal parts without special instructions or setup personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Uses CD9 series insert dies. Used in UC 200 (CP-871) & UC100 electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired.	1

\*AMP is a registered trademark of Tyco Electronics.  
For crimp die information, refer to pages D.27 and D.28.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
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Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
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A.  
Cable  
Ties

### Electric Bench Press

- For use with Panduit® Applicators and Reel Smart™ Continuously Molded Terminals and Ferrules to provide a superior solution for quality, high volume terminations
- UC 200 (CP-871) press has a microprocessor based controller and LCD that displays text messages and cycle count with multi-language capability
- Tool crimp height adjustment feature allows user to easily set and maintain desired crimp height for consistent performance
- Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership



Part Number	Part Description	Std. Pkg. Qty.
UC 200 (CP-871)	Electric press: 4000+ terminations per hour. Operates on 110 V current/60 Hz, 220 V current/50 Hz (field convertible). Overall size (without reel): 13" x 33" x 16". Total weight (without reel): 176 lbs. Includes foot pedal.	1

B.  
Stainless  
Steel

C.  
Wiring  
Duct

### Die Sharpening Kits

- Used to sharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

Part Number	Part Description	Std. Pkg. Qty.
DSF-RS	For use with black oxide cutter dies.	1
DSF-NP	For use with nickel-plated cutter dies.	1

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

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## Die Information

Part Number	Color Code	AWG Wire Range	(1) Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number				
					In.	mm	Crimp Die	Cutter Die	Lower Die		
CD-800-1	Red	22 – 18, 22 – 16	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)	0.188	4.78	TD13471C06 CD-800-1	TD13483C03 CD-800 C-1	TD17755B01 CD-1		
(CD-800-1D***)		22–18									
CD-800-2	Blue	16 – 14, 18 – 14	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)			TD13473C05 CD-800-2	TD13486C03 CD-800C-2	TD17756B01 C-2		
(CD-800-2D***)		16 – 14									
CD-800-3	Yellow	12 – 10, 14 – 10, 16 – 12	Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp	PV, PV12, DV, DV-C, PN12, PV12, DV-M, PN, PNF, DNF-M			TD13475C06 CD-800-3	TD13489C03 CD-800C-3	TD17757B01 C-3		
CD-800-4		Red								12 – 18	Insulation Support
CD-800-5	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13634C05 CD-800-5, 11	TD13508C03 CD-800 C-5	TD17759B01 C-5, 11		
CD-800-6	Red	22 – 18	Insulation Support	DNF-FIBX			TD13652C04 CD-800-6	TD13499C03 CD-800C-6	TD17760B01 C-6		
CD-800-7	Red	22 – 18	Insulation Support	DNF-110FIB, DNF-111FIB, DNF-112FIB			0.125	3.18	TD13477C05 CD-800-7, 12	TD13492C04 CD-800 C-7	TD17761B01 C-7, 12
CD-800-8	Red/ Blue	22 – 18, 16 – 14	Insulation Support	DNF-FIBX, DNF-FIMX, DNF-FIMX			0.188	4.78	TD13481C06 CD-800-8	TD13502C04 CD-800 C-8	TD17762B01 C-8
CD-800-9	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD13479C05 CD-800-9	TD13495C03 CD-800 C-9	TD17763B01 C-9		
CD-800-10	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB	0.188	4.78	TD13633C06 CD-800-4, 10	TD16233C03 CD-800 C-10	TD17758B01 C-4, 10		
CD-800-11	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB, DPF-FIB, DPF-LPB						TD13634C05 CD-800-5, 10	TD16243C02 CD-800 C-11
CD-800-12	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DPF-111FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD16235C03 CD-800 C-12	TD17761B01 C-7, 12		
CD-800-13	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD19116C03 CD-800-13	TD19115C03 CD-800 C-13	TD19424B01 C-13		
CD-800-14	Red/ Blue	22 – 18, 16 – 14	Metal Insulation Crimp	DNG-FL	0.125	3.18	TD22943C01 CD-800-14	TD22944C02 CD-800 C-14	TD22960B01 C-14		
CD-800-15	Red	22 – 18	Metal Insulation Crimp	DNG-FB	0.188	4.78	TD22945C01 CD-800-15	TD22946C02 CD-800 C-15	TD22961B01 C-15		
CD-800-16	Blue	16 – 14	Metal Insulation Crimp	DNG-FB			TD22947C01 CD-800-16	TD22948C02 CD-800 C-16	TD22962B01 C-16		
CD-800-17	Yellow	12 – 10	Insulation Support	BSN			TD23601C01 CD-800-17	TD23600C01 CD-800-17	TD23612B01 CD-800-17		
CD-800-18	Yellow	12 – 10	Plastic Insulation Crimp	DNF-FIMB	TD13475C06 CD-800-18	TD23773C01 CD-800-18	TD17757B01 CD-800-18				

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.

TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.

(1) Insulation Support: Minimum wire insulation strain relief for normal applications.

Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.

Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.

\*\*\*Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
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Continues on next page



## Die Information (continued)

Part Number	Color Code	AWG Wire Range	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD9-1A	Red	22 – 16, 22 – 18	Insulation Support, Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24129C01	TD24139C01	TD24149C01
CD9-1AD***		22 – 18	Plastic Insulation Crimp, Metal Insulation Grip	PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-1B		22 – 18	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-2A	Blue	18 – 14, 16 – 14	Insulation Support, Plastic Ins. Crimp, Insulation Support, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24130C01	TD24140C01	TD23712C01
CD9-2AD***		16 – 14	Insulation Support, Plastic Insulation Crimp, Metal Insulation Grip	BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-2B		16 – 14	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-3B	Yellow	12 – 10, 16 – 12	Plastic Ins. Crimp, Metal Ins. Grip, Plastic Ins. Crimp	PV, DV, DV-M, PN, PNF, DNF-M, PV12, PN12	0.188	4.78	TD24131C01	TD24141C01	TD23713C01
CD9-4A	Red	22 – 18	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24132C01	TD24142C01	TD24150C01
CD9-4B		22 – 18	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-5A	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24133C01	TD24143C01	TD24151C01
CD9-5B		16 – 14	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-6B	Red	22 – 18	Insulation Support	DNF-FIBX	0.188	4.78	TD23700C01	TD23683C01	TD23716C01
CD9-7A	Red	22 – 18	Insulation Support	DNF-110, 111, 112FIB	0.125	3.18	TD23701C02	TD23684C01	TD23717C01
CD9-8B	Blue/ Red	16 – 14, 22 – 14	Insulation Support	DNF-FIBX, DNF-FIMX	0.188	4.78	TD23702C01	TD23685C01	TD23718C01
CD9-9C	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD23703C01	TD23686C01	TD23719C01
CD9-10A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24132C01	TD24144C01	TD24150C01
CD9-10B	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-11A	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24133C01	TD23688C01	TD24151C01
CD9-11B	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-12A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DFP-111FIB	0.125	3.18	TD23701C02	TD23689C01	TD23717C01
CD9-13B	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD24134C01	TD24145C01	TD24152C01
CD9-14A	Red/ Blue	22 – 18, 16 – 14	Metal Insulation Grip	DNG-FL	0.125	3.18	TD23705C01	TD23691C01	TD23721C01
CD9-15A	Red	22 – 18	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24135C01	TD24146C01	TD24153C01
CD9-16A	Blue	16 – 14	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24136C01	TD24147C01	TD24154C01
CD9-17B	Yellow	12 – 10	Insulation Support	BSN	0.188	4.78	TD24110C01	TD24109C01	TD24111C01 TD24112C01
CD9-18B	Yellow	12 – 10	Insulation Support	DNF-FIMB	0.188	4.78	TD24131C01	TD23766C01	TD23713C01
SCA-712022005WE (CD10-1)	—	20 – 18	Insulation Support	FSD75, FSD76	—	—	—	—	—
SCA-712022006WE (CD10-2)	—	18 – 16	Insulation Support	FSD77, FSD78	—	—	—	—	—
SCA-712022007WE (CD10-3)	—	14	Insulation Support	FSD80	—	—	—	—	—

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.  
TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.

(1) Insulation Support: Minimum wire insulation strain relief for normal applications.

Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.

Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.

\*\*\*Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

## SCA-712022002 (CA10), CA9 Ezair™, and CA-800EZ Applicators Wire Processing Machine Manufacturer/Press Compatibility

Manufacturer	Wire Processing Machine with (WPM) or Bench Press Only	SCA-712022002 (CA10)	Panduit Applicators	
			CA9	CA-800EZ*
PANDUIT	CP-861 press only		A1	
	CP-871 press only	A	A1	B
TE CONNECTIVITY	CLS III G with G press (AWP)	A	A1	
	CLS IV with G press (AWP)	A	A1	B
	CLS IV G plus with G press (AWP)	A	A1	
	G bench press only	A	A1	
	CLS II with T press (AWP)		A1	
	CLS III with T press (AWP)		A1	
	T bench press only		A3	B
	K bench press only			B
	3K40	A	A	
	5K40	A	A	
ARTOS	CS-600 with AMP G press (AWP)	A	A1	
	CS-600 with TU7M press (AWP)			B
	CS-600 with TU-10 press (AWP)		A1	
	MTX Series 5 with TU-10 press (AWP)		A1	
GAMMA MECCANICA	T20P-110V bench press only		A1	
KODERA	Series C451/C450 (AWP)	A	A1	
	Series C551/C550 (AWP)		A1	
KOMAX	Gamma 311 with Mecal K300 press (AWP)		A1	B2
	Gamma 333 with mci 711 press (AWP)	A	A1	
	Alpha 411 with Mecal PE7 or P107 press (AWP)		A1	B2
	Alpha 433 with Mecal PE7 or P107 press (AWP)		A1	
	40T with Mecal PE7 press (AWP)		A1	
	40T with Panduit CP-861 press (AWP)			
	bt711 bench press only			B4
MEGOMAT	AMS 3001A/APE 300 press (AWP)		A1	
	Contact (AWP)		A1	
	Primo with MP-3.0 press (AWP)		A1	
MOLEX	EP-20 bench press only			B
	TM-2000 bench press only			B
SCHLEUNIGER	Crimp center 12 with ACP01 press (AWP)		A1	B
	Crimp center 64 (AWP)	A	A1	
	UC-200 bench press	A	A1	
	Crimpcenter 36 (AWP)	A	A	
	UC-100		A	
	SC-200 (CRIMP MODE ONLY)	A	A	
SHINMAYWA	TR101 (AWP)			B
	TRD111/TR111 (AWP)		A1	B

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
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## Performance Requirements

A.  
Cable  
Ties

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10

### UL 486A (Terminals), UL 310 (Male Blade Adapters)

Test current for max. 50° rise (amps)	3.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	13	20	30	50	70	80

### UL 486C (Splices)

Test current for max. 50°C rise (amps)	5.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	10	10	15	25	35	40

\*Pull-out force of the crimped terminal.

**Applicable Pan-Term® products meet or exceed the following test specifications:**

- UL 486A (Terminals)
- UL 486C (Splices)
- UL 310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)
- UL and CSA approved products are shown with the applicable logos in the product section.
- UL file #E52164, CSA File #LR31212

B.  
Stainless  
Steel

	Wire Size (AWG)						
	#22	#20	#18	#16	#14	#12	#10

### UL 310 (Disconnects)

Continuous test current for max. 30°C rise (amps) (for 0.187", 0.205", 0.250" tab widths)	3	4	7	10	15	20	24
Continuous test current for max. 30°C rise (amps) (for 0.110" tab width)	2	3	4	5	Not Applicable		
Min. tensile strength* (lbs.)	8	13	20	30	50	70	80

\*Pull-out force of the crimped terminal.

**Applicable Reel Smart™ products meet or exceed the following test specifications:**

- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78526, CSA file #LR31212

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

**Applicable Panduit® ferrules meet or exceed the following test specifications:**

- UL 486F
- CSA-C22.2 No. 291-14.
- DIN color code
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E472545, CSA file #LR31212

E.  
Power  
Connectors  
and  
Grounding

F.  
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# Compression Connector Crimping Tools

Panduit® offers a wide variety of tool platforms to meet any industrial termination need: controlled cycle manual tools, manual hydraulic tools, battery operated tools and electro-hydraulic operated tools. Panduit tools and crimp dies provide termination solutions with Panduit copper and aluminum compression connectors that meets the highest safety and reliability requirements in the industry. NEW Panduit BlackFin™ battery powered tools lead the industry in safety, reliability and quality. Tools have been tested by CSA to meet mandatory OSHA safety requirements, tools self monitor the crimping process and alert the operator with visual and audible signals if complete crimp force is not attained. Tool performance and work history can be downloaded to a PC using FINS software and USB infrared reader to provide Q.C. and work history logs. Panduit offers battery powered universal tools that can crimp, cut and punch holes using a single tool platform.



- **NEW BlackFin™ Battery powered tools that lead the industry in safety, tested by CSA to meet OSHA safety requirements (UL 60745-1, CSA C22.2 No. 60745-1).**
- **NEW Fast & Intelligent Notification Software (FINS) & USB reader allows downloading of tools' complete work history at a push of a button for quality assurance and creation customized maintenance and work logs.**
- **Panduit tools incorporates ergonomic and safety features like in-line tool designs, weight forward pistol grips, LED work lights, no-slip grips and visual and audible signals to alert when complete crimp force is not attained.**
- **Panduit offers universal battery powered tools that can accomplish multiple tasks including: crimping, punching holes in sheet metal, and cutting: cable, threaded rods, rebar and ground rods.**
- **Tools and crimp dies that provide safe & reliable terminations on Panduit connectors that meets UL, CSA, NEBS Level 3, ABS, IEEE and IEC certifications.**

All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.



## Crimping Guidelines for Panduit® Pan-Lug™ Compression Lugs and Splices

A.  
Cable  
Ties

### 1. Select the proper Panduit compression connector for the conductor type and size being used.

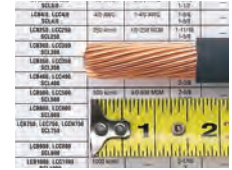
- Panduit compression connectors are identified with the proper conductor size and conductor type marked on the tongue or barrel of the connector



- The proper conductor size and type to be used with each connector can also be found in the installation instructions included with Panduit product packaging and in the tool charts\* in this catalog

Tool Chart for Compression Types LCB, LCC and SCL

PANDUIT PART NUMBER LUG/SPICE	STUD WIRE SIZE	WIRE RANGE-TANGING WITH (AWG/STR)	WIRE STRIP LENGTH (IN.)	DI
LCB, LCB SCL	8 AWG	---	.34 1-1/16	RED P21 (3)
LCC, LCC SCL	8 AWG	---	1-1/4 1-1/8	BLUE P24 (3)
LCB, LCC SCL4	2 AWG SCL 6-3 AWG STR	4 AWG	1-1/8 1-1/8	GRAY P29 (3)
LCC, LCC SCL2	2 AWG	6-2 AWG	1-1/4 1-1/4	BROWN P33 (3)
LCB, LCC SCL1	1 AWG	6-1 AWG	1-7/16 1-3/8	GREEN P37 (3)
LCB10, LCC10 SCL10	10 AWG	6-10 AWG	1-1/2 1-3/8	---
LCB20, LCC20 SCL20	20 AWG	6-20 AWG	1-5/8 1-1/2	---
LCB30, LCC30 SCL30	30 AWG	2-30 AWG	1-9/16 1-1/2	---



B.  
Stainless  
Steel

C.  
Wiring  
Duct

### 3. Select the proper crimping die and crimping tool to be used with the connector.

Use crimping tools and dies that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection.

Many Panduit compression connectors are UL Listed and CSA Certified when crimped with Panduit and specified competitor crimping tools and dies. These tools and dies are listed in the tool charts\* in this catalog. Panduit crimping tools and dies to be used with each connector are also listed on the installation instructions included with Panduit product packaging.



Panduit compression connectors are color-coded and marked with Panduit and specified competitor die index numbers. Select the proper crimping die to be used by matching the color code and die index number marked on the connector to the same markings on the crimping die.

### 2. Strip the conductor to the proper strip length. As specified:

- On the Panduit product packaging label or
- On the installation instructions included with Panduit product packaging or
- In the tool charts\* in this catalog

Make sure the conductor is not stripped too long, which would result in exposed wire between the barrel of the connector and the cable insulation.

Make sure the conductor is not stripped too short, which would result in a less than complete contact area with the connector when the conductor is inserted in the barrel.

Do not nick or cut strands of conductor during crimping, which would result in a less than premium conductor termination.

Make sure conductor strands are free from corrosion.



### 4. Crimp the connector.

Insert the conductor into the barrel of the connector. The conductor should stop against the end of the barrel of the lug, or wire stop in the butt splice, upon complete insertion of the conductor in the barrel. Some lugs are offered with inspection windows that provide visual inspection of the complete conductor insertion.



Review the installation instructions included with the Panduit product packaging or the tool charts\* for the proper number of crimps to be placed in the connector. Make the first crimp in the barrel nearest the tongue of the lug, or wire stop in a butt splice, and make successive crimps in the

barrel working towards the conductor entry at the end of the barrel. Use the color-coded or knurled band markings on



MIN. P/N (C)	LC	P/N (C)
D-920-210	STD	CD-2001-210
ACK P45 (3)	(2)	BLACK P45 (3)
D-920-310	STD	CD-2001-310
WGE P50 (3)	(2)	ORANGE P50 (3)
D-920-410	STD	CD-2001-410
SPLE P54 (3)	(2)	PURPLE P54 (3)
D-920-510	STD	CD-2001-510
LOW P62 (3)	(3)	YELLOW P62 (3)
D-920-300	STD	CD-2001-300
ITE P66 (3)	(3)	WHITE P66 (3)
D-920-360	STD	CD-2001-360
ED P71 (3)	(3)	RED P71 (3)
D-920-400	STD	CD-2001-400

Identify

the barrel of the connector to evenly space the placement of the crimps in the barrel.

When properly crimped, the die index number engraved in the crimping die will be embossed into the barrel of the connector. The crimp should be placed in the connector so the die index number can be easily read when the connector is installed.



\*See tool charts on pages E.47-E.95.

Selection Guide – Compression Connector Tools

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Code Conductors																					
Conductor Type	Connector Type	Tool Type	Copper Conductor Range																		
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil
Copper Code Conductor	S LCAS LCA LCAN LCB LCB-W LCBH LCD LCDN LCC LCC-W LCCN LCCH SCSS SCS SCL SCH SCT PS RSC	Manual Crimping Tools	CT-100A – Plier Type (pg. D.6)																		
			CT-200 – Plier Type (pg. D.6)																		
			CT-1570– Controlled Cycle (pg. D.7)																		
			CT-1701– Controlled Cycle (pg. E.8)																		
			CT-1700 Controlled Cycle (pg. E.8)																		
		Air Operated Tool	CT-720 – 6 ton (pg. E.8 - E.9)																		
			CT-600A (pg. D.9)																		
		Li-ion Battery Powered Tool	CT-2300/ST (pg. D.13)																		
			CT-920 & CT-920/CV – 12 ton (pg. E.10)																		
		Manual Hydraulic Crimping Tools	CT-980 Uni-Die™ Dieless – 6.2 ton (pg. E.39)																		
			CT-2600/L– In-Line – 4 ton (pg. E.13 - E.15)																		
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-3001/ST & CT-3001/CP – In-Line – 6.7 ton (pg. E.16 - E.19)																		
			CT-3980 – In-Line – 6 ton 6.7 Ton Uni-Die™ Dieless (pg. E.40 - E.41)																		
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																		
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																		
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																		
			CT-2980/ST Uni-Die™ Dieless – 6.2 ton (pg. E.42 - E.43)																		
			CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																		
		Remote Crimp Heads	CT-940CH – 15 ton (pg. E.30)																		
			CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. E.44)																		

See tool charts on pages E.47 - E.71, E.78 - E.82 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

## Selection Guide – Compression Connector Tools (continued)

		Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Flex Conductors																																			
Conductor Type	Connector Type	Tool Type	Copper Conductor Range																																		
			#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	262 kcmil	300 kcmil	313 kcmil	350 kcmil	373 kcmil	400 kcmil	450 kcmil	500 kcmil	535 kcmil	600 kcmil	646 kcmil	750 kcmil	777 kcmil											
A. Cable Ties	Copper Code and Flex Conductor	Manual Crimping Tools	CT-1700 – Controlled Cycle (pg. E.8)																																		
		Manual Hydraulic Crimping Tool	CT-920 & CT-920/CV – 12 ton (pg. E.10)																																		
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	LCAX LCAXN LCBX LCDX LCDXN LCCX LCCXN Maximum Code Conductor Size 4/0 AWG	CT-3001/ST & CT-3001/CP – In-Line – 6.7 ton (pg. E.16 - E.19)																																	
			CT-3980 – In-Line – 6.7 ton Dieless (pg. E.40 - E.41)																																		
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																																		
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																																		
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																																		
			Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																																	
		CT-940CH – 15 ton (pg. E.30)																																			
		B. Stainless Steel	Copper Flex Conductor	Manual Hydraulic Crimping Tool	CT-920 – 12 ton & CT-920/CV (pg. E.10)																																
Lithium-Ion Battery Powered Hydraulic Crimping Tools	LCAF LCCF SCSF RSC			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																																	
	CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																																				
	CT-2940/ST – 15 ton (pg. E.26 - E.27)																																				
	Remote Crimp Heads			CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																																	
CT-940CH – 15 ton (pg. E.30)																																					
C. Wiring Duct	Copper Flex Conductor	Manual Hydraulic Crimping Tool	CT-920 – 12 ton & CT-920/CV (pg. E.10)																																		
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	LCAF LCCF SCSF RSC	CT-2920/CCP – 12 ton (pg. E.24 - E.25)																																	
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																																		
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																																		
			Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																																	
		CT-940CH – 15 ton (pg. E.30)																																			
D. Terminals and Reel Smart™ System	Copper Flex Conductor	Manual Hydraulic Crimping Tool	CT-920 – 12 ton & CT-920/CV (pg. E.10)																																		
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	LCAF LCCF SCSF RSC	CT-2920/CCP – 12 ton (pg. E.24 - E.25)																																	
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																																		
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																																		
			Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																																	
		CT-940CH – 15 ton (pg. E.30)																																			
E. Power Connectors and Grounding	Copper Flex Conductor	Manual Hydraulic Crimping Tool	CT-920 – 12 ton & CT-920/CV (pg. E.10)																																		
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	LCAF LCCF SCSF RSC	CT-2920/CCP – 12 ton (pg. E.24 - E.25)																																	
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																																		
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																																		
			Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																																	
		CT-940CH – 15 ton (pg. E.30)																																			

\*See tool charts on pages E.72 - E.81 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

## Selection Guide – Compression Connector Tools (continued)

Aluminum Compression Lugs and Splices																							
Conductor Type	Connector Type	Tool Type	Aluminum and Copper Code Conductors																				
			#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 AWG	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil			
Copper or Aluminum Code Conductor	LAA LAB SA	Manual Crimping Tools	CT-1700 – Controlled Cycle (pg. E.8)																				
			CT-720 – Die Type – 6 ton (pg. E.8 - E.9)																				
		Manual Hydraulic Crimping Tool	CT-920 & CT-920/CV – 12 ton (pg. E.10)																				
			CT-980 Uni-Die™ Dieless – 6.2 ton (pg. E.39)																				
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2600/L– In-Line – 4 ton (pg. E.13 - E.15)																				
			CT-3001/ST & CT-3001/CP – In-Line – 6.7 ton (pg. E.16 - E.19)																				
			CT-3980 – In-Line – 6.7 Ton Uni-Die™ Dieless (pg. E.40 - E.41)																				
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																				
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																				
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																				
			CT-2980/ST Uni-Die™ Dieless – 6.2 ton (pg. E.42 - E.43)																				
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																				
			CT-940CH – 15 ton (pg. E.30)																				
			CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. E.44)																				

\*See tool charts on pages E.88 - E.89 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index



## Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Metric Copper Class 2r Conductors																				
Conductor Type	Connector Type	Tool Type	Copper Conductor Range																	
			4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>	400 mm <sup>2</sup>	500 mm <sup>2</sup>	630 mm <sup>2</sup>	
Copper Class 2r Metric	LCMA LCMD LCMB LCMC SCMS	Manual Crimping Tools	CT-100A (pg. D.6)																	
			CT-200 (pg. D.6)																	
			CT-1570 (pg. D.7)																	
			CT-1701 (pg. E.8)																	
		Manual Hydraulic Crimping Tools			CT-920 & CT-920/CV – 12 ton (pg. E.10)															
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-3001/ST & CT-3001/CCP – In-Line – 6.7 ton (pg. E.16 - E.19)																	
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																	
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																	
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																	
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)																	
CT-940CH – 15 ton (pg. E.30)																				

\* See tool charts on pages E.84 - E.85 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

Continues on next page

## Selection Guide – Compression Connector Tools

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Metric Copper Class 5f and 6f Conductors																		
Conductor Type	Connector Type	Tool Type	Copper Conductor Range															
			4 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>		
Copper Class 5f & 6f Metric	LCMA LCMD LCMB LCMC SCMS	Manual Crimping Tools	CT-100A (pg. D.6)															
			CT-200 (pg. D.6)															
			CT-1570 (pg. D.7)															
			CT-1701 (pg. E.8)															
		Manual Hydraulic Crimping Tools	CT-920 & CT-920/CV – 12 ton (pg. E.10)															
			CT-3001/ST & CT-3001/CCP – In-Line – 6.7 ton (pg. E.16 - E.19)															
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2920/CCP – 12 ton (pg. E.24 - E.25)															
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)															
			CT-2940/ST – 15 ton (pg. E.26 - E.27)															
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP – 12 ton (pg. E.28 - E.29)															
			CT-940CH – 15 ton (pg. E.30)															

\* See tool charts on pages E.86 - E.87 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Contour Crimp™ Controlled Cycle Tools

A.  
Cable  
Ties

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip
- Tools incorporate multiple die pockets in rotating die wheel with push-button lockout



CT-1700



CT-1701

Part Number	Part Description	Std. Pkg. Qty.
CT-1700	Crimps Panduit #8 – #1 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – #2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

B.  
Stainless  
Steel

C.  
Wiring  
Duct

## Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs, splices, and insulated terminals
- Uses CD-720 series crimp dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – #2 AWG vinyl insulated terminals.  Color-coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately.  Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 1 year	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Black steel carrying case for CT-720 crimping tool.	1

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance



Part Number	Used to Install Panduit Compression Lug and Splice Sizes				
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	Std. Pkg. Qty.
CD-720-1	#8 – #2 AWG	Red P21, Blue P24, Gray P29, Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37, Pink P42, Black P45, Orange P50	#4 – 1/0 AWG	Green P37, Pink P42, Gold P45, Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54, Yellow P62	2/0 – 3/0 AWG	Olive P54, Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – #2 AWG, vinyl insulated Pan-Term® Terminals	Red, Blue, Yellow	–	–	1

See pages E.47 - E.95 for connector and tool selection information.

## Die Type, Manual, Crimping Tool and Die Kits

- Available with or without controlled cycle feature to meet specific applications
- Kits available with three or full set of seven dies for crimping partial or full range of connector sizes



Part Number	Part Description	Std. Pkg. Qty.
CT-720-7	Basic tool kit with seven dies. Includes: <ul style="list-style-type: none"> <li>• Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors</li> <li>• Carrying/storage case (C-720)</li> </ul>	1
CT-720-7CC	Controlled cycle tool kit with seven dies. Controlled cycle mechanism factory installed on crimping tool. Includes: <ul style="list-style-type: none"> <li>• Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors</li> <li>• Carrying/storage case (C-720)</li> </ul>	1
CT-720-3	Basic tool kit with three dies. Includes: <ul style="list-style-type: none"> <li>• Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors</li> <li>• Carrying/storage case (C-720)</li> </ul>	1
CT-720-3CC	Controlled cycle tool kit with three dies. Controlled cycle mechanism factory installed on crimping tool. Includes: <ul style="list-style-type: none"> <li>• Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors</li> <li>• Carrying/storage case (C-720)</li> </ul>	1

### Die Type, Manual Hydraulic, 12 Ton, Crimping Tool

A.  
Cable  
Ties

- High quality, durable tool construction provides long-term dependability
- Cushioned grip prevents hands from slipping on tool, reduces fatigue
- Uses Panduit CD-920 and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Audible “pop-off” valve indicates crimp completion
- Open “C” head, rotatable 350 degrees
- 2-stage hydraulic system: rapid advance, double action handle and power stroke
- Automatic retraction when operation is complete
- Manual retraction operation if needed
- Uses environmentally-friendly hydraulic oil, biodegradable
- CT-920/CV tool available with 2-layer PVC covered crimp head

B.  
Stainless  
Steel



CT-920

Part Number	Part Description	Std. Pkg. Qty.
CT-920 CT-920/CV	<p>Terminates Panduit® Pan-Lug™ Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs and splices for #8 AWG – 535 kcmil flex conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> - 400mm<sup>2</sup> Metric class 2r and 10mm<sup>2</sup> - 300mm<sup>2</sup> class 5f/6f</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> <li>• Panduit® Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> </ul> <p>Specifications:                      Output: 12 tons (108 kN)                      Jaw opening: 1.65" (42mm)                      Weight: 13 lbs. (5.9 kg) Length: 22" (560mm)                      Handle span: 17 1/2" (open), 6" (closed)                      Length: 22.1" (560 mm), Height: 8.5" (217 mm), Width: 2.9" (74 mm)                      Ambient Temperature: -4°F to 104°F (-20°C to +40°C)                      Warranty: 2 years</p> <p>CT-920 includes:</p> <ul style="list-style-type: none"> <li>• Tool</li> <li>• Steel tool case with die storage</li> </ul>	1

C.  
Wiring  
Duct



D.  
Terminals  
and  
Reel  
Smart™  
System

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35.

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
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Index



## PANDUIT BlackFin™ Installation Tools

### Meets OSHA Mandated Electrical and Mechanical Product Safety Requirements

- Certified by CSA, an OSHA Accredited NRTL (nationally recognized test lab) to meet mandatory OSHA Requirements
- Meets requirements of Safety for Handheld, Motor-Operated Electric Tools (UL 60745-1, CSA C22.2 No 60745-1)
- Prevention of fire, shock, mechanical, noise hazards to workers

### Meets requirements of EU Machinery Directive and EMC Directive

- Certified by SiQ to IEC/EN 62841-1: Safety of Electric Motor-Operated Magnetically Driven Hand Tools
- Tested to EN 61000 series: Electromagnetic Compatibility Environment

### Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

## FINs – Fast Intelligent Notification Software

### Statistical documentation and evaluation of crimping process world

### Simple and Easy to use Home Screen for: Project Tracking and Status, Operations Log, Service Reports

#### Key performance Metrics:

- Number of Cycles
- Last maintenance
- Project status
- Quality Control Documents: Service log and Test Certificate
- Waveform Crimp Performance

#### Service Interval Level Pressure Values in PSI or BAR



**Panduit CT-USB**

Part Number	Part Description	Std. Pkg. Qty.
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS)	1

Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)

Service log				PANDUIT™	
Company	1	Date	04 November 2016		
Operator	1	Time	15:10:16		
Project	1				
Serial number	ALR8148/PK5001				
Number of crimps	99				
Minimum desired pressure value (psin)	365.0				
Service interval	999999				
Pressure unit	bar				
Total values since manufacturing (manufactured on 11 May 2016)					
Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents (p < psin)		Pressure values (p > psin)
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.   mean   max.   Standard deviation
99	0.476	0.08	3	0	1   362   403.4   418.3   2.2
Values since last maintenance (serviced on 11 May 2016)					
Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents (p < psin)		Pressure values (p > psin)
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.   mean   max.   Standard deviation
99	0.476	0.08	3	0	1   362   403.4   418.3   2.2
Last low pressure incidents					
Counter reading (bars)	Peak pressure on manual retractor (motor not in operation)		Counter reading (bars)	Peak pressure on automatic retractor (motor in operation)	
46	394		0	367.6	
44	348.7		0	0	
5	49		0	0	
0	0		0	0	
0	0		0	0	
Date: 04 November 2016					

A.  
Cable  
Ties

# What is FINS – Panduit’s Fast and Intelligent Notification Software

- Statistical performance of all cycles, integrity of operation and other tool metrics
- Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)

B.  
Stainless  
Steel

## Detailed work history

- Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information

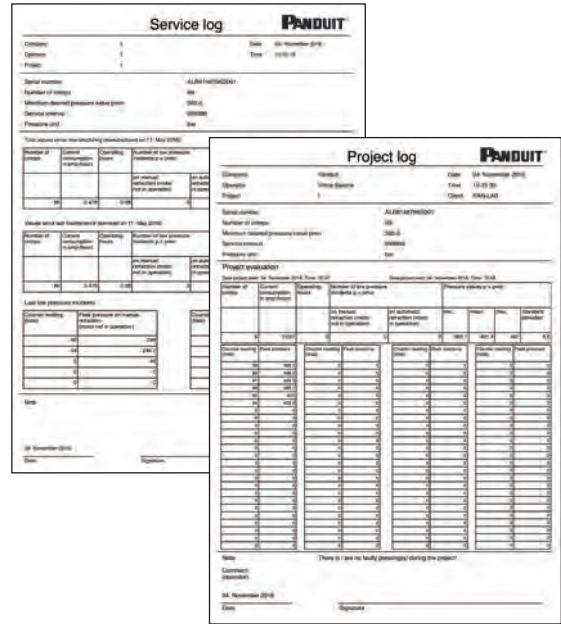
## Accountability

- Prove that the job was done correctly with operation and project specific documentation

C.  
Wiring  
Duct

## Diagnostics

- Set and view maintenance intervals and add user identifiable information to manage your inventory
1. Download FIN software from [www.panduit.com/blackfin](http://www.panduit.com/blackfin)
  2. Connect CT-USB to your computer
  3. Open Panduit FIN Software
  4. Place FIN Infrared indicator on tool optical interface; pull trigger



D.  
Terminals  
and  
Reel  
Smart™  
System

## Operation Log

- Printable performance overview
- Differentiate your workforce with accountability

## BlackFin™ Tool Performance Interface

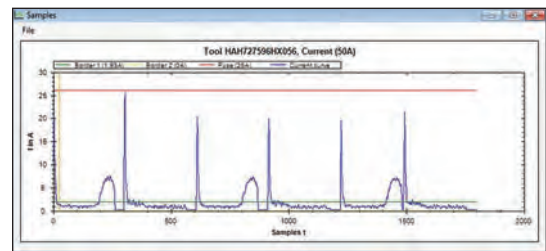
- Home navigation screen for waveforms, project start, project log, and operation log project specific documentation
- Three key measurables; number of cycles since manufacture, last maintenance, and project
- Service interval level with grace period setting
- Shows recent pressure values in PSI



E.  
Power  
Connectors  
and  
Grounding

## Waveform: Real Time Assurance

- View battery information and nominal PSI performance in real time



F.  
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Number  
Index

## Description

- 3 phase operation log for tracking tool output
- PDF downloadable work history
- Programmable service intervals
- Waveform - real time pressure and amperage monitoring
- Low pressure incident detail
- Inventory management / tool identification capabilities
- Windows based



## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals. 8 AWG – 300 kcmil copper Code lugs and splices. 6 AWG – 2/0 AWG dual rated aluminum lugs and splices
- Quick 3-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight 4.0 lbs (1.8 kg) design provides maximum productivity and ease of use in continuous workflow operations
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- Slim 360° rotations crimp head design allows use in limited space areas
- Crimping force 4.0 Tons (35kN)
- High-performance 18 V 2.0 Ah Li-ion battery with high capacity and extremely short charging time ~22 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Evaluation function via optical interface and optional CT-USB adapter accessory and Panduit FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- One-button operation controls all tooling functions
- LED work light for workplace illumination
- Multifunction LED for maintenance display, battery charge status indicator and data transfer via CT-USB adapter & FINS software
- Can be operated as a corded tool using Panduit A/C adapters sold separately see pg. E.15

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
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E.  
Power  
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Number  
Index



CT-2600/L



CT-2600/LBC

Part Number	Part Description	Std. Pkg. Qty.
<b>Crimping Tools</b>		
CT-2600/L	4.0 Ton Battery Powered crimping tool Crimps Panduit® tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR** insulated ring terminals. 8 AWG - 300 kcmil copper Code lugs and splices. 6 AWG - 2/0 AWG dual rated aluminum lugs and splices  Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.25" (336.5) H x 4.5" (114) L x 2.87" (72.9) W with battery Weight 4.0 lbs (1.8 kg) with battery; Crimp cycle time = 3-4 seconds depending on cross-section Warranty: 2 years  CT-2600/L includes: Tool with crimp head, two 18 V 2.0 Ah Makita* Li-On batteries, one 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.	1
CT-2600/LINT	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp dies not included	1
CT-2600/LUK	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type G Plug and molded carrying case. Crimp dies not included	1
CT-2600/LAUS	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type I Plug and molded carrying case. Crimp dies not included	1
CT-2600/TO	Bare 4.0 Ton Battery Powered Crimping Tool No batteries, charger or case	1

\*Makita is a registered trademark of Makita Corporation. \*\*KYNAR is a registered trademark of Atofina Chemicals, Inc.

## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool (continued)

A.  
Cable  
Ties



Part Number	Part Description	Std. Pkg. Qty.
<b>Crimp Die Inserts</b>		
CD-2600-P8	Used with CT-2600/L and CT-2600/LINT to install Panduit P8 and P8-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P6	Used with CT-2600/L and CT-2600/LINT to install Panduit P6 and P6-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P4	Used with CT-2600/L and CT-2600/LINT to install Panduit P4 and P4-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P2	Used with CT-2600/L and CT-2600/LINT to install Panduit P2 and P2-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-PV8	Used with CT-2600/L and CT-2600/LINT to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV6	Used with CT-2600/L and CT-2600/LINT to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV4	Used with CT-2600/L and CT-2600/LINT to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV2	Used with CT-2600/L and CT-2600/LINT to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR** insulated ring terminals.	1

\*\* KYNAR is a registered trademark of Atofina Chemicals, Inc.

B.  
Stainless  
Steel

C.  
Wiring  
Duct

### KC-4 and KA-4 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance

D.  
Terminals  
and  
Reel  
Smart™  
System



Part Number	Copper Code Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KC4-8	#8 AWG	Red	1
KC4-6	#6 AWG	Blue	1
KC4-4	#4 AWG	Gray	1
KC4-2	#2 AWG	Brown	1
KC4-1	#1 AWG	Green	1
KC4-1/0	1/0 AWG	Pink	1
KC4-2/0	2/0 AWG	Black	1
KC4-3/0	3/0 AWG	Orange	1
KC4-4/0	4/0 AWG	Purple	1
KC4-250	250 kcmil	Yellow	1
KC4-300	300 kcmil	White	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

E.  
Power  
Connectors  
and  
Grounding

Part Number	Aluminum Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KA4-6	#6 AWG	Gray	1
KA4-4	#4 AWG	Green	1
KA4-2	#2 AWG	Pink	1
KA4-1	#1 AWG	Gold	1
KA4-1/0	1/0 AWG	Tan	1
KA4-2/0	2/0 AWG	Olive	1

See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

F.  
Part  
Number  
Index



## CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool Accessories

### A/C Adapters for BlackFin Battery Powered Tools



CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

### Makita\* Battery Chargers for BlackFin Battery Powered Tools



CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

\*Makita is a registered trademark of Makita Corporation.

### Makita\* 18 V Lithium-Ion Rechargeable Batteries for BlackFin Tools



CT-LIBCMK3AH

Part Number	Part Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-On 18 V, 3.0 Ah Replacement Battery	1
CT-LIBCMK2AH	Makita* Li-On 18 V, 2.0 Ah Replacement Battery	1
CT-LIBCMK3AHINT	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (Australia Use)	1

\*Makita is a registered trademark of Makita Corporation.

### FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface



CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1





## Die Type, Lithium-Ion Battery Powered, Hydraulic, 6.7 Ton, In-Line Crimping Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of tool and crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED work light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 2-5 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating, flip-top, crimping head, rotates 350 degrees
- Quick motor stop for user safety
- Automatic piston retraction when crimping is complete
- Manual retract operation if required
- Automatic position control sets position of piston for multiple crimpings
- Uses environmentally-friendly hydraulic oil, quickly biodegradable
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via CT-USB adapter & FINS software.
- Includes two Makita\* 18 V Li-ion, 3.0 Ah batteries with fast 22 minute charge time and battery charger
- Approximately 300 crimps on a 300 kcmil (150mm<sup>2</sup>) Copper Code lug per battery charge.
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System



CT-3001/ST

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-3001/ST	120 V	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 373 kcmil flex conductor</li> <li>• Aluminum compression lugs for #6 AWG - 350 kcmil code conductor</li> <li>• Large Ferrules #1/0 AWG - 500 kcmil</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – #2 AWG code conductor</li> <li>• Copper compression S Series Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 240mm<sup>2</sup> class 2R conductor, 10mm<sup>2</sup> - 95mm<sup>2</sup> class 5f/6f</li> </ul> <p>Specifications:</p> <p>Crimp Force: 6.7 tons (60 kN)                      Number of crimps per battery charge: approx. 300 at 300 kcmil (150mm<sup>2</sup>) Copper Code lug                      Crimp Cycle: 2 s (for ARS) to 5 s (depending on cross-section)                      Charging Time: 22 mins                      Stroke: .69 inches (17.5mm)                      Jaw opening: 1.8" (45.7mm)                      Weight: 6.8 lbs (3.1 kg) with battery.                      Ambient Temperature: 14° to 104°F (-10°C to +40°C)                      Length: 16.8" (427 mm), Height: 4.6" (116 mm), Width: 3.0" (75 mm)                      Warranty: 2 years</p> <p>Tool includes:</p> <ul style="list-style-type: none"> <li>• Die adapter CD-3001/ST-DA for CD-2001 dies</li> <li>• Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries.</li> <li>• One Makita* 120 V battery charger</li> <li>• Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*</li> </ul>	1
	CT-3001/TO		Bare 6.7 Ton Battery Powered Crimping Tool No batteries, charger or case	1

Uses Panduit CD-2001 series, KC22-600B and KA22 series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. \*Makita is a registered trademark of Makita Corporation.

*Continues on next page*



## Die Type, Lithium-Ion Battery Powered, Hydraulic, 6.7 Ton, In-Line Crimping Tool (continued)



CT-3001/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
International	CT-3001/STINT	230 V	6.7 Ton Battery Powered CE Approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case.	1
UK	CT-3001/STUK		6.7 Ton Battery Powered CE approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case	1
Australia	CT-3001/STAUS		6.7 Ton Battery Powered CE approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case	1

Uses Panduit CD-2001 series, KC22-600B and KA22 series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. \*Makita is a registered trademark of Makita Corporation.

### Accessories for CT-3001/ST Battery-Powered Hydraulic Crimping Tools



C -3001

Part Number	Part Description	Std. Pkg. Qty.
C-3001	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
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Grounding

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## Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 6.7 Ton, In-Line Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of tool operation

- LED light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 7-9 second crimp cycle
- Energy saving function with motor cut-out (autostop)
- Rotating, flip-top tool head rotates 350 degrees.
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract operation available if needed
- Manual retract stop with “teach in” sets position of piston for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter & FINS software
- Includes two Makita\* 18 V Li-ion, 3.0 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on a 300 kcmil (150mm<sup>2</sup>) Copper Code lug per battery charge.
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

- Universal tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions

C.  
Wiring  
Duct



CT-3001/CCP

D.  
Terminals  
and  
Reel  
Smart™  
System

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-3001/CCP	120 V	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 373 kcmil flex conductor</li> <li>• Aluminum compression lugs for #6 AWG - 350 kcmil code conductor</li> <li>• Large Ferrules #1/0 AWG - 500 kcmil</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – #2 AWG code conductor</li> <li>• Copper compression S Series Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 240mm<sup>2</sup> class 2R conductor, 10mm<sup>2</sup> - 95mm<sup>2</sup> class 5f/6f</li> </ul> <p>Specifications:                      Crimp Force: 6.7 tons (60 kN)                      Crimp Cycle: 7 s to 9 s (depending on cross-section)                      Number of crimps: approx. 300 at 300 kcmil (150mm<sup>2</sup>) Cu                      Cutting Range: max. 1" (25mm) dia. copper and aluminum cable, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. soft threaded rod.                      Punch Capacity: Can drive Greenlee Standard Slug-Buster® and Slug-Splitter® punches. up to 2" (50 mm) dia. conduit size in 10 ga. mild steel using Panduit CD-2001-PDA adapter.                      Charging Time: 22 mins                      Stroke: 1.06 inches (27mm)                      Jaw opening: 1.8" (45.7mm)                      Weight: 7.1 lbs ( 3.2 kg)                      Ambient Temperature: 14° to 104°F (-10°C to +40°C)                      Length: 17.5" (444 mm), Height: 4.6" (116 mm ), Width 3.0" (75 mm)                      Warranty: 2 Years                      Tool includes:                      • JAW die adapter for CD-2001 dies.                      • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18V rechargeable batteries.                      • One Makita* 120 V Charger battery charger                      • Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*</p>	1
	CT-3001/TO		Bare 6.7 Ton Battery Powered Crimping Tool No batteries, charger or case	1

Uses Panduit CD-2001 series, KC22-600B, KA22 and CD920-F series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. Panduit KC22-600B, KA22 and CD920-F crimp dies requires Panduit UA22 die adapter sold separately, see page E.21. Uses Panduit UC cutting blades and CD-2001-PDA punch driver adapter must be purchased separately, see page E.38. Panduit UC40 and UCACSR cutting blades requires Panduit UAM adapter sold separately, see page E.38. \*Makita is a registered trademark of Makita Corporation.

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 6.7 Ton, In-Line Tool (continued)



CT-3001/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
International	CT-3001/CCPINT	230 V	CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and UAW die adapter for CD-2001 dies and Heavy-duty storage case for tool, batteries, charger and crimping dies	1
UK	CT-3001/CCPUK		CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and UAW die adapter for CD-2001 dies and Heavy-duty storage case for tool, batteries, charger and crimping dies.	1
Australia	CT-3001/CCPAUS		CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and UAW die adapter for CD-2001 dies Heavy-duty storage case for tool, batteries, charger and crimping dies	1

Uses Panduit CD-2001 series, KC22-600B, KA22 and CD920-F series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. Panduit KC22-600B, KA22 and CD920-F crimp dies requires Panduit UA22 die adapter sold separately, see page E.21. Uses Panduit UC cutting blades and CD-2001-PDA punch driver adapter must be purchased separately, see page E.38. Panduit UC40 and UCACSR cutting blades requires Panduit UAM adapter sold separately, see page E.38. \*Makita is a registered trademark of Makita Corporation.

### Accessories for CT-3001/CCP Battery-Powered Hydraulic Crimping Tools



C -3001CCP

Part Number	Part Description	Std. Pkg. Qty.
C-3001CCP	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Continues on next page

## CD-2001 & KC22 Crimping Dies

A.  
Cable  
Ties

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Die adapters for CD-2001 dies included with CT-3001/ST and CT-3001/CCP series tools
- CD-2001 dies provide a circumferential crimp results in terminations with premium electrical and mechanical performance



CD-2001

B.  
Stainless  
Steel

Part Number	Terminates Panduit Copper Lugs and Splices	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX, LCDX, LCCX	Copper Metric Class 2R Conductor Size	Copper Metric Class 5f & 6f Conductor Size	Std. Pkg. Qty.
	Copper Die Color and Die No.					
CD-2001-8	Red P21	#8 AWG	#8 AWG	10mm <sup>2</sup>	10mm <sup>2</sup> 16mm <sup>2</sup>	1
CD-2001-6	Blue P24	#6 AWG	#6 AWG	16mm <sup>2</sup>	—	1
CD-2001-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	25mm <sup>2</sup> 35mm <sup>2</sup>	25mm <sup>2</sup>	1
CD-2001-2	Brown P33	#2 AWG	#2 AWG	—	35mm <sup>2</sup>	1
CD-2001-1	Green P37	#1 AWG	#1 AWG	50mm <sup>2</sup>	50mm <sup>2</sup>	1
CD-2001-1/0	Pink P42	1/0 AWG	1/0 AWG	—	—	1
CD-2001-2/0	Black P45	2/0 AWG	2/0 AWG	70mm <sup>2</sup>	70mm <sup>2</sup>	1
CD-2001-3/0	Orange P50	3/0 AWG	3/0 AWG	—	95mm <sup>2</sup>	1
CD-2001-4/0	Purple P54	4/0 AWG	4/0 AWG	95mm <sup>2</sup>	—	1
CD-2001-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	120mm <sup>2</sup>	—	1
CD-2001-300	White P66	300 kcmil	—	150mm <sup>2</sup>	—	1
CD-2001-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	—	—	1
CD-2001-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	185mm <sup>2</sup>	—	1
CD-2001-500	Brown P87	500 kcmil	—	240mm <sup>2</sup>	—	1
KC22-600B*	Green	600 kcmil	—	—	—	1

\* KC22 die provides hex style crimp, requires UA22 die adapter for use in CT-3001/CCP series tools see page E.21. See tool charts on pages E.47-95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

C.  
Wiring  
Duct



KC22-600B

D.  
Terminals  
and  
Reel  
Smart™  
System

Part Number	Copper Die Color and Die No.	Copper Tap	No. of Crimps	Std. Pkg. Qty.
CD-2001-8	Red P21	CTAPF10-16-C	1	1
CD-2001-6	Blue P24	CTAPF8-12-C	1	1
CD-2001-4	Gray P29	CTAPF6-12-C	1	1
CD-2001-2	Brown P33	CTAPF4-12-C	2	1
CD-2001-1	Green P37	CTAPF3-12-C	2	1
CD-2001-1/0	Pink P42	CTAPF2-12-C	2	1
CD-2001-2/0	Black P45	CTAPF1-12-C	3	1
CD-2001-3/0	Orange P50	CTAPF1/0-12-L	3	1
CD-2001-4/0	Purple P54	CTAPF2/0-12-Q	3	1
CD-2001-250	Yellow P62	CTAPF3/0-12-Q	3	1
CD-2001-BG	PBG	CTAP4-8-L	1	1
	PBG	CTAP4-6-L	1	
	PBG	CTAP4-4-L	1	
CD-2001-C	P-C	CTAP2-4-Q	2	1
	P-C	CTAP2-2-X	2	

See tool charts on pages E.92 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## KA22 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance



Terminates Panduit LAA, LAB and SA Aluminum Lugs and Splices			Std. Pkg. Qty.
Part Number	Conductor Size	Die Color	
KA22-6	#6 AWG	Gray	1
KA22-4	#4 AWG	Green	1
KA22-2	#2 AWG	Pink	1
KA22-1	#1 AWG	Gold	1
KA22-1/0	1/0 AWG	Tan	1
KA22-2/0	2/0 AWG	Olive	1
KA22-3/0	3/0 AWG	Ruby	1
KA22-4/0	4/0 AWG	White	1
KA22-250	250 kcmil	Red	1
KA22-300	300 kcmil	Blue	1
KA22-350	350 kcmil	Brown	1

KA22 die provides hex style crimp, requires UA22 die adapter for use in CT-3001/CCP series tools see page E.21 See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

## Die Adapters for CT-3001/ST and CT-3001/CCP crimp tools



UAW

Part Number	Description	Std. Pkg. Qty.
UAW	Die Adapter for CD-2001 Type Dies used in CT-3001/CCP Tools (Normally included with CT-3001/CCP series tool)	1
CD-3001/ST-DA	Die Adapter for CD-2001 Type Dies used in CT-3001/ST Tools (Normally included with CT-3001/ST series tools)	1
UA22	Die Adapter for KC-22 & KA-22 Type Dies used in CT-3001/CCP Tools	1



CD-3001/ST-DA



UA22

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Die Type, Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Crimping Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals not meeting full crimp pressure
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Open "C" head design with 1.65" opening, rotates 350 degrees.
- Ergonomic handle positioned at center of gravity for easy handling
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 8-9 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract operation if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, batter charge status indicator and for data transmission via USB adapter and FINS software downloadable from Panduit website.
- Uses environmentally-friendly hydraulic oil, biodegradable
- Includes two Makita\* 18 V Li-ion, 3.0 Ah batteries with fast, 22 minute charge time and Makita\* battery charger
- Approximately 115 crimps on 300 kcmil (150 mm<sup>2</sup>) copper lug per battery charge
- CT-2931/STCV tool available with 2-layer PVC covered crimp head
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System



CT-2931/ST



CT-2931/STCV

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2931/ ST CT-2931/ STCV	120 V	Terminates Panduit compression connectors: <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 535 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor, 10mm<sup>2</sup> - 300mm<sup>2</sup> Class 5f/6f</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 - 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> </ul> Specifications: Output: 12 tons (108 kN) Crimp Cycle: 8-9 seconds Number of crimps: Aprx. 115 on 300 kcmil (150mm <sup>2</sup> ) copper code lug Jaw opening: 1.65" (41.9mm) Weight: 15.9 lbs. (7.2 kg.) Length: 16.2" (412 mm), Height: 12.6" (319 mm), Width: 3.0" (75 mm) Ambient temperature 14°F - 104°F (-10°C to +40°C) Warranty: 2 years includes: <ul style="list-style-type: none"> <li>• Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries</li> <li>• One Makita* battery charger</li> <li>• One shoulder strap</li> <li>• Heavy-duty plastic storage case with crimp die compartments</li> </ul>	1

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34-E.35. \*Makita is a registered trademark of Makita Corporation.

Continues on next page



## Die Type, Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Crimping Tool (continued)



CT-2931/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2931/TO		12 Ton (108kN)--Ton Battery Powered Crimping Tool, 1.65" Opening. Tool Only - No batteries, charger, shoulder strap or case	1
International	CT-2931/STINT CT-2931/STINTCV	230 V	CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies	1
UK	CT-2931/STUK CT-2931/STUKCV		CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies.	1
Australia	CT-2931/STAUS CT-2931/STAUSCV		CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies	1

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34-E.35. \*Makita is a registered trademark of Makita Corporation.

### Accessories for CT-2931/ST Battery-Powered Hydraulic Crimping Tools



C-2931

Part Number	Part Description	Std. Pkg. Qty.
C-2931	Heavy-duty plastic carrying case for tool. 19.75"L (502mm) x 23.25"W (591mm) x 6.5"H (165mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1



CT-CSSP

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Uses Panduit CD-920 and CD-930, crimp dies or Panduit UA12ID nest/indenter adapter for dieless crimping
- Universal tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Ergonomic handle positioned at center of gravity for easy handling
- LED worklight for workplace illumination
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation

- One-button operating concept for controlling all tool functions
- 2-stage hydraulic system with fast feed and power stroke
- 3-5 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating, universal, flip-top head, rotates 350 degrees
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract available if needed
- Manual retract stop with “teach in” sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Includes two Makita\* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and Makita\* battery charger
- Approximately 110 crimps on 300 kcmil (150mm<sup>2</sup>) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

C.  
Wiring  
Duct



CT-2920/CCP

D.  
Terminals  
and  
Reel  
Smart™  
System

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2920/CCP	120 V	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs and splices for 4 AWG - 750 kcmil code conductor UA12ID dieless indenter adapter accessory.</li> <li>• Copper compression lugs for #8 AWG – 535 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor, 10mm<sup>2</sup> - 300mm<sup>2</sup> Class 5f/6f</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 1/0 AWG code conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 2 AWG code conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> <li>• Aluminum compression lugs for #6 AWG - 600 kcmil code conductor with Panduit UA12ID dieless indenter adapter accessory.</li> </ul> <p>Specifications:                      Crimp Force: 12 tons (108kN)                      Crimp Cycle: 6-9 seconds                      Number of crimps: aprx. 110 on 300 kcmil (150mm<sup>2</sup>) copper code lug                      Cutting Range: max. 1.5" (40mm) dia. copper &amp; aluminum cable, 954 kcmil (Cardinal) ACSR, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. threaded rod.                      Punch Capacity: Can drive Greenlee standard Slug-Buster® and Slug-Splitter punches., 5-5/8" (144mm) diameter round in 10 ga. mild steel with Panduit CD-920-PDA punch driver adapter accessory.                      Charging Time: 22 mins                      Stroke: 1.65 inches (42mm)                      Jaw opening: 1.8" (45.7mm)                      Weight: 14.33 lbs. (6.5 kg) with battery                      Ambient Temperature: 14° to 104°F (-10°C to +40°C)                      Length: 19.5" (495.3mm), Height: 4.5" (114.3mm), Width: 2.88" (73mm)                      Warranty: 2 years</p> <p>Tool includes:</p> <ul style="list-style-type: none"> <li>• UA12TKL die adapter for Panduit CD-920 and CD-930 crimp dies</li> <li>• Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries</li> <li>• One Makita* 120 V Charger battery charger</li> <li>• Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*</li> </ul>	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35. Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38. \*Makita is a registered trademark of Makita Corporation.

Continues on next page



## Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Tool (continued)



CT-2920/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2920/CCPTO		Bare 12 Ton Battery Powered Crimping Tool + Adapter UA12TKL for CD-920/930 dies. Tool only - No battery, no charger, no case.	1
International	CT-2920/CCPINT	230 V	CE approved, 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V charger with Type C Plug, and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case.	1
UK	CT-2920/CCPUK		CE approved 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V charger with Type G Plug and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case	1
Australia	CT-2920/CCPAUS		CE Approved, 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V charger with Type I Plug and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35. Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38. \*Makita is a registered trademark of Makita Corporation.

### Accessories for CT-2920/CCP Battery-Powered Hydraulic Crimping Tools



C-2920CCP

Part Number	Part Description	Std. Pkg. Qty.
C-2920CCP	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 9"H (227mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1



CT-CSSP

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Die Type, Lithium-Ion Battery Powered Hydraulic, 15 Ton, Pistol Grip, Crimping Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Open "C" head design with 2.0" (51 mm) opening, rotates 350 degrees.
- Ergonomic handle positioned at center of gravity for easy handling
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe operation
- Assist handle provided for attachment to crimp head for right or left handed use
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 10-12 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retraction available if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Uses environmentally-friendly hydraulic oil, biodegradable
- Includes two Makita\* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and Makita\* battery charger
- Approximately 50 crimps on 300 kcmil (150mm<sup>2</sup>) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System



CT-2940/ST

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2940/ST	120 V	Terminates Panduit Compression Connectors: <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 630mm<sup>2</sup> class 2R and, 10mm<sup>2</sup> - 300mm<sup>2</sup> Class 5f/6f metric conductor.</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor</li> </ul> Specifications: Output: 15 tons (135 kN) Crimp Cycle: 10-12 seconds Number of crimps: Aprx. 50 on 300 kcmil (150mm <sup>2</sup> ) copper code lug Jaw opening: 2" (50.8mm) Weight: 15.7 lbs. ( 7.1 kg.) Battery charge time: 22 mins Length: 16.2" (412 mm), Height: 12.6" (319 mm), Width: 2.9" (74 mm) Warranty: 2 years Tool includes: <ul style="list-style-type: none"> <li>• CD-940-DAPT die adapter for Panduit CD-940 series crimp dies</li> <li>• Two Makita* 3.0 Ah high capacity lithium-ion 18 V rechargeable batteries</li> <li>• One Makita* 120 V battery charger</li> <li>• One shoulder strap</li> <li>• Plastic tool case with storage for tool, batteries, charger, shoulder strap and crimping dies</li> </ul>	1

Uses Panduit CD-940 color-coded crimping dies. Dies must be purchased separately, see page E.37.  
 Uses Panduit CD-920 and CD-930 color-coded crimping dies with Panduit CD-940-920DA die adapter. Dies must be purchased separately, see page E.34 - E.35, E.37. \*Makita is a registered trademark of Makita Corporation.

*Continues on next page*



## Die Type, Lithium-Ion Battery Powered Hydraulic, 15 Ton, Pistol Grip, Crimping Tool (continued)



CT-2940/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-2940/TO		Bare 15 Ton Battery Powered Crimping Tool with CD-940-DAPT Die Adapter for CD-940 Dies. Tool only - No batteries, no charger, no case.	1
International	CT-2940/STINT	230 V	CE approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V EU Charger with Type G Plug w/ two 3.0 Ah Makita* Li-ion batteries, & CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	1
UK	CT-2940/STUK		CE Approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V British Charger with Type F Plug, w/ two 3.0 Ah Makita* Li-ion batteries, & CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	
Australia	CT-2940/STAUS		CE Approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V Australian Charger with Type I Plug, w/ two 3.0 Ah Makita* Li-ion batteries, & CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	

Uses Panduit CD-940 color-coded crimping dies. Dies must be purchased separately, see page E.37.  
 Uses Panduit CD-920 and CD-930 color-coded crimping dies with Panduit CD-940-920DA die adapter. Dies must be purchased separately, see page E.34 - E.35, E.37. \*Makita is a registered trademark of Makita Corporation.

### Accessories for CT-2940/ST Battery-Powered Hydraulic Crimping Tools



C-2940

Part Number	Part Description	Std. Pkg. Qty.
C-2940	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1



CT-CSSP

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Die Type, Remote Hydraulic, 12 Ton, Crimp Head

A.  
Cable  
Ties

- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Durable crimp head design tested to 50,000 cycle life.
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses Panduit CD-920 and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice
- CT-920CH/CV crimp head available with 2-layer PVC coated crimp head

B.  
Stainless  
Steel



CT-920CH

Part Number	Part Description	Std. Pkg. Qty.
CT-920CH CT-920CH/CV	<p>Terminates Panduit compression connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 535 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor, and 10mm<sup>2</sup>- 300mm<sup>2</sup> class 5f/6f</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 - 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor:</li> <li>• Recommended use with Panduit CT-902HP hydraulic pump and CT-900HPH 10' hydraulic hose see page E.31</li> </ul> <p>Specifications:                      Crimping Force: 12 tons (108kN)                      Jaw opening: 1.65" (42 mm)                      Weight: 10 lbs. (4.5 kg.)                      Length: 12.6" (320 mm)                      Height: 5.1" (129 mm)                      Width: 2.9" (74 mm)                      Ambient temperature: -4° F to 104° F (-20°C to +40°C)                      Warranty: 2 years                      Tool includes:                      • Heavy duty carrying bag</p>	1

C.  
Wiring  
Duct



D.  
Terminals  
and  
Reel  
Smart™  
System

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35.

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Die Type; Crimp, Cut, Punch, 3 in 1 Hydraulic , 12 Ton, Crimp Head

- Universal Tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Durable crimp head design for long life.
- Universal flip-top head
- Uses Panduit CD-920 and CD-930, crimp dies or Panduit UA12ID nest/indenter adapter for dieless crimping sold separately see pages E.34 - E.35
- Dies installed using spring loaded die retention pins, no need for tools



CT-920CH/CCP



Part Number	Part Description	Std. Pkg. Qty.
CT-920CH/CCP	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor</li> <li>• Copper compression lugs and splices for 4 AWG - 750 kcmil code conductor UA12ID dieless indenter adapter accessory.</li> <li>• Copper compression lugs for #8 AWG – 535 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 400mm<sup>2</sup> class 2R conductor, 10mm<sup>2</sup> - 300mm<sup>2</sup> Class 5f/6f</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 1/0 AWG code conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 2 AWG code conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor</li> <li>• Aluminum compression lugs for #6 AWG - 600 kcmil code conductor with Panduit UA12ID dieless indenter adapter accessory.</li> </ul> <p>Specifications:</p> <p>Crimp Force: 12 tons (108kN)                      Cutting Range: max. 1.5" (40mm) dia. copper &amp; aluminum cable, 954 kcmil (Cardinal) ACSR, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. threaded rod.                      Punch Capacity: 5-5/8" (144mm) diameter round in 10 ga. mild steel using Standard Greenlee Slug-Buster® and Slug-Splitter punches., with Panduit CD-920-PDA punch driver adapter accessory.                      Stroke: 1.65 inches (42mm)                      Jaw opening: 1.8" (45.7mm)                      Weight: 9.75 lbs. (4.4 kg)                      Length: 13.0" (330 mm), Height: 4.5" (114 mm), Width: 2.7" (69 mm)                      Warranty: 2 years</p> <p>Tool includes:</p> <ul style="list-style-type: none"> <li>• UA12TKL die adapter for Panduit CD-920 and CD-930 crimp dies</li> <li>• Heavy-duty bag for tool</li> </ul>	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34-35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35.  
 Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Die Type, Remote Hydraulic, 15 Ton, Crimp Head

A.  
Cable  
Ties

- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- High quality, durable tool construction provides long-term dependability
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses Panduit CD-940, CD-930 and CD-920 color-coded crimping dies with die adapters.
- Includes Panduit CD-940-DAPT die adapter for use with Panduit CD-940 series crimp dies
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

B.  
Stainless  
Steel



CT-940CH



Part Number	Part Description	Std. Pkg. Qty.
CT-940CH	<p>Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor</li> <li>• Copper compression S Series, Tubular Terminals for #8 – 250 kcmil code conductor</li> <li>• Copper compression lugs and splices for 10mm<sup>2</sup> – 630mm<sup>2</sup> class 2R conductor and 10mm<sup>2</sup> to 300mm<sup>2</sup> Class 5f/6f conductor.</li> <li>• StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor</li> <li>• Copper compression CTAPF taps for #10 – 3/0 AWG code conductor</li> <li>• Copper compression CTAP taps for #8 – 4/0 AWG code conductor</li> <li>• Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor</li> <li>• Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor</li> </ul> <p>Use with Panduit CT-902HP hydraulic pump and CT-900HPH 10' hydraulic hose see page E.31.</p> <p>Specifications:</p> <p>Output: 15 tons (150 Kn)                      Jaw opening: 2"                      Weight: 13.7 lbs. (6.2 kg)                      Length: 15.0" (380 mm)                      Height: 5.3" (135 mm)                      Width: 3.0" (75 mm)                      Warranty: 2 years</p> <p>CT-940CH includes:</p> <ul style="list-style-type: none"> <li>• CD-940-DAPT die adapter for use with Panduit CD-940 series crimp dies.</li> <li>• Heavy duty carrying bag.</li> </ul>	1

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

Uses color-coded CD-940 crimp dies sold separately see pages E.37.  
 Uses CD-920 and CD-930 color-coded crimping dies with CD-940-920-DA die adapter sold separately see page E.34 - E.35, E.37.

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Hydraulic Pump and Accessories, Electric, 10,000 PSI

- Develops 10,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-902RFS foot switch or CT-902RCH remote controlled handle
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 V operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads.



CT-902HP



CT-900HPH



CT-902RCH



CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP	<p>Hydraulic pump. Develops 10,000 PSI output. Pump shuts off when cycle is complete. Will not release until down switch is activated.</p> <p>Specifications:                      Pump output: 10,000 psi                      Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level                      Fluid type: Aero Shell #4 or equal                      Motor: 120 V 50/50Hz                      Current: 6.5 Amps                      Horsepower: 1/2 hp                      Weight: 34 lbs.                      Length: 7"                      Height: 14"                      Width: 6"                      Warranty: 1 year</p> <p>CT-902HP pump includes:</p> <ul style="list-style-type: none"> <li>• On/off pendant switch on 10' electric cord</li> <li>• Three prong A/C plug on 10' electric cord</li> <li>• Supplied with female Parker type quick-connect fitting assembled to pump</li> </ul>	1
CT-900HPH	Electrically non-conductive 10' hose compatible with Panduit CT-902HP hydraulic pump, CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads. Hose supplied pre-filled with hydraulic fluid for fast start up. Supplied with two male Parker type quick-connect fittings. Warranty: 1 year.	1
CT-902RCH	Remote control handle provides plastic carrying handle incorporating on/off activation switch that allows operator to hold crimp head and activate CT-902HP hydraulic pump with one hand. Use with Panduit remote hydraulic crimp heads CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads. Equipped with 3/8" Parker type quick-connect coupler for attaching crimp heads to Panduit CT-900HPH hydraulic hose. Includes a 10', three wire control cable that can be directly connected to the CT-902HP pump. Warranty: 1 year.	1
CT-902RFS	Dual electrical foot switch that allows convenient "hands free" operation of the Panduit CT-902HP or CT-902HP-5K electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 1 year.	1

\*For information on crimp heads, see pages E.28-E.30, E.44.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Die Type, Remote Hydraulic, 7.7 Tons, Crimp Head

A.  
Cable  
Ties

- Low pressure system extends life of crimp head for high volume crimping applications
- Develops 7.7 tons of crimping force when used with 5000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 600 kcmil Code conductor

- Open “C-Head” design allows easy loading of crimping dies and connectors, saves time
- Uses color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction and low pressure hydraulic requirements provide long-term dependability and tool life
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices

B.  
Stainless  
Steel



Part Number	Part Description	Std. Pkg. Qty.
CT-930LPCH	<p>Remote hydraulic crimp head provides UL Listed or Recognized terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #8 AWG – 600 kcmil copper code conductor.</p> <p>Use with Panduit CT-902HP-5K hydraulic pump and CT-900LPHPH 10' hydraulic hose.*</p> <p>Specifications:                      Output: 7.7 tons                      Jaw opening: 1.65"                      Weight: 11 lbs.                      Length: 12 1/4"                      Height: 5"                      Width: 3"                      Warranty: 1 year</p> <p>CT-930LPCH includes:</p> <ul style="list-style-type: none"> <li>• Tool</li> <li>• Steel tool case</li> <li>• Supplied with male Parker type quick-connect fitting assembled to tool</li> </ul>	1

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

Uses CD-920 color-coded crimping dies. Dies must be purchased separately, see page E.34. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page E.33.  
 \*For information on hydraulic pump and hose, see page E.33.

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Hydraulic Pump and Accessories, Electric, 5000 PSI

- Develops 5,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-902RFS foot switch
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 V operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-930LPCH crimp heads



CT-902HP-5K



CT-900LPHPH



CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP-5K	<p>Hydraulic pump. Develops 5,000 psi output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900LPHPH hydraulic hose, CT-930LPCH crimp heads sold separately.*</p> <p>Specifications:                      Pump output: 5000 psi                      Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level                      Fluid type: Aero Shell #4 or equal                      Motor: 120 V 50/50Hz                      Current: 6.5 Amps                      Horsepower: 1/2 hp                      Warranty: 1 year</p> <p>Weight: 34 lbs.                      Length: 7"                      Height: 14"                      Width: 6"</p> <p>CT-902HP-5K pump includes:</p> <ul style="list-style-type: none"> <li>• On/off pendant switch on 10' electric cord</li> <li>• Three prong A/C plug on 10' electric cord</li> <li>• Supplied with male Parker type quick-connect fitting assembled to pump</li> </ul>	1
CT-900LPHPH	Electrically non-conductive 10' hose compatible with Panduit CT-902HP-5K hydraulic pump and CT-930LPCH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two female Parker type quick-connect fittings. Warranty: 1 year.	1
CT-902RFS	Dual electrical foot switch that allows convenient "hands free" operation of the Panduit CT-902HP-5K electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 1 year.	1

\*For more information on crimp heads, see page E.32.

## Pressure Gauges

- Provide easy visual reading of output force for hydraulic crimping tools
- Factory calibrated to provide accuracy and quality assurance control of crimping tools in the field
- Easy-to-read crimp force tolerance zone for applicable tools marked on gauge
- Blank dies for fixture supplied with test gauge for easy mounting and operation of gauge with crimping tool



PG-1

Part Number	Part Description	Std. Pkg. Qty.
PG-1	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit crimp heads, CT-902HP pump and CT-900HPH hose. Includes steel storage case. Warranty: 90 days.	1
PG-1SC	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit CT-930LPCH crimp heads, CT-902HP-5K pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days.	1

## CD-920 Crimping Dies

A.  
Cable  
Ties

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance



CD-920

B.  
Stainless  
Steel

Part Number	Used to Install Panduit Compression Lug and Splice Sizes								Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX, LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size		
CD-920-8	Red P21	#8 AWG	#8 AWG	#8 AWG	10mm <sup>2</sup>	—	—	1	
CD-920-6	Blue P24	#6 AWG	#6 AWG	#6 AWG	16mm <sup>2</sup>	—	—	1	
CD-920-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	#4 AWG	25mm <sup>2</sup> 35mm <sup>2</sup>	Gray P29	#6 AWG	1	
CD-920-2	Brown P33	#2 AWG	#2 AWG	#2 AWG	—	—	—	1	
CD-920-1	Green P37	#1 AWG	#1 AWG	—	50mm <sup>2</sup>	Green P37	#4 AWG	1	
CD-920-1/0	Pink P42	1/0 AWG	1/0 AWG	#1 AWG	—	Pink P42	#2 AWG	1	
CD-920-2/0	Black P45	2/0 AWG	2/0 AWG	1/0 AWG	70mm <sup>2</sup>	Gold P45	#1 AWG	1	
CD-920-3/0	Orange P50	3/0 AWG	3/0 AWG	2/0 AWG	—	Tan P50	1/0 AWG	1	
CD-920-4/0	Purple P54	4/0 AWG	4/0 AWG	3/0 AWG	95mm <sup>2</sup>	Olive P54	2/0 AWG	1	
CD-920-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	4/0 AWG	120mm <sup>2</sup>	Ruby P62	3/0 AWG	1	
CD-920-300	White P66	300 kcmil	—	250 kcmil 262 kcmil	150mm <sup>2</sup>	White P66	4/0 AWG	1	
CD-920-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	300 kcmil 313 kcmil	—	Red P71	250 kcmil	1	
CD-920-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	350 kcmil 373 kcmil	185mm <sup>2</sup>	Blue P76	300 kcmil	1	
CD-920-500	Brown P87	500 kcmil	444 kcmil flex 450 kcmil flex	444 kcmil 450 kcmil	240mm <sup>2</sup>	Brown P87	350 kcmil	1	
CD-920-600	Green P94	600 kcmil	—	—	300mm <sup>2</sup>	Green P94	400 kcmil	1	
CD-920-500A	P99	500 kcmil	500 kcmil flex 535 kcmil flex 600 kcmil flex	500 kcmil 535 kcmil	—	Pink P99	500 kcmil	1	
CD-920-750	Black P106	750 kcmil	—	646 kcmil	400mm <sup>2</sup>	Black P106	600 kcmil	1	

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

*Continues on next page*

## CD-920 Crimping Dies (continued)



CD-920

Part Number	Used to Install Panduit Tap Part Numbers			Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	No. of Crimps	
CD-920H-6	Orange PH6	HTCT6X-6X-1	1	1
CD-920H-2	Brown PH2	HTCT2-2-1	1	1
CD-930H-250	Purple PH25	HTCT250-2-1, HTCT250-250-1	1	1
CD-920-BG	PBG	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	1	1
CD-920-C	PC	CTAP2-4-Q, CTAP2-2-X	1	1
CD-920-D3	PD3	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	1	1
CD-920-O	PO	CTAP2/0-2-X, CTAP2/0-2/0-X	1	1

See tool charts on pages E.94 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.



CD-930G

Part Number	Used to Install StructuredGround™ Direct Burial Grounding Connector Part Numbers		Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	
CD-930G-1/0	Red PG10	GCE1/0-1/0, GCC6X61/0-1/0	1
CD-930G-250	Black PG25	GCE250-1/0, GCE250-250, GCC6X6250-1/0, GCC6X6250-250, GPC4H250-2	1
CD-930G-500	Blue PG50	GCE500-1/0, GCE500-250, GCC6X6500-1/0, GCC6X6500-250	1

See tool charts on pages E.91 for selection of crimping dies and number of crimps used with specific tool and connector combinations.



UA12ID

UA12ID Dieless Indenter Adapter Used in CT-2920/CCP Series and CT-920CH/CCP tools			
Used to Install Panduit Compression Lug and Splice Sizes			
Part Number	Copper Code Conductor Size	Aluminum Code Conductor Size	Std. Pkg. Qty.
UA12ID	—	—	1
	—	#6 AWG	
	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG	
	#2 AWG	#2 AWG	
	#1 AWG	#1 AWG	
	1/0 AWG	1/0 AWG	
	2/0 AWG	2/0 AWG	
	3/0 AWG	3/0 AWG	
	4/0 AWG	4/0 AWG	
	250 kcmil	250 kcmil	
	300 kcmil	300 kcmil	
	350 kcmil	350 kcmil	
	400 kcmil	400 kcmil	
	500 kcmil	500 kcmil	
	600 kcmil	600 kcmil	
750 kcmil	—		

See tool charts on pages E.50 - E.67, E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## CD-920 Crimping Dies (continued)

A.  
Cable  
Ties



UA12TKL

### Die Adapters for CT-2920/CCP series and CT-920CH/CCP tools

Part Number	Part Description	Std. Pkg. Qty.
UA12TKL	Adapter for CD-920 and CD-930 dies for CT-2920/CCP & CT-920CH/CCP tools (Normally included with tool)	1

### Die Storage Case

Part Number	Part Description	Std. Pkg. Qty.
C-920DIE	Steel Die Carrying Case, Stores Up to 15: CD-920, CD-930, KC22, or KA22 die sets	1



C-920DIE

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## CD-940 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance



CD-940

Part Number	Used to Install Panduit Compression Lug and Splice Sizes							Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX, LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size	
CD-940-750	Black P106	750 kcmil	—	646 kcmil	400mm <sup>2</sup>	—	—	1
CD-940-800	Orange P107	800 kcmil	—	777 kcmil	—	—	—	1
CD-940-1000	White P125	1000 kcmil	—	—	500mm <sup>2</sup> 630mm <sup>2</sup>	—	—	1
CD-940-750X	Yellow P115	—	777.7 kcmil flex	—	—	—	—	1
CD-940-750A	—	—	—	—	—	Red P125	750 kcmil	1
CD-940-800A	—	—	—	—	—	Gray P140	800 kcmil	1
CD-940-1000A	—	—	—	—	—	Brown P161	1000 kcmil	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.



CD-940-920DA

Part Number	Part Description	Std. Pkg. Qty.
CD-940-920DA	Die adapter for CD-920 dies to be compatible with CT-940CH and CT-2940/ST tools	1
CD-940-DAPT	Die adapter for CD-940 dies (Normally included with CT-2940/ST and CT-940CH tools)	1



CD-940-DAPT

## Cutting Blade and Punch Driver Accessories for CT-3001/CCP, CT-2920/CCP and CT-920CH/CCP tools

### Cutting Blade Accessories for Rod



UCUNC12

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP	CT-2920/CCP CT-920CH/CCP
UCUNC14	Cutter blades for 1/4" threaded rod	1	X	X
UCUNC38	Cutter blades for 3/8" threaded rod	1	X	X
UCUNC12	Cutter blades for 1/2" threaded rod	1	X	X
UCM5	M5 Threaded Rod Cutter Blade	1	X	X
UCM6	M6 Threaded Rod Cutter Blade	1	X	X
UCM8	M8 Threaded Rod Cutter Blade	1	X	X
UCM10	M10 Threaded Rod Cutter Blade	1	X	X
UCM12	M12 Threaded Rod Cutter Blade	1	X	X

### Wire Cutter Blades



UC26



UC40



UCACSR

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP *	CT-2920/CCP CT-920CH/CCP
UC26	Cutter Blades Aluminum & Copper wire 1.02" (26mm) Dia. Capacity	1	-	X
UC40	Cutter Blades Aluminum & Copper wire 1.57" (40mm) Dia. Capacity for CT-2920CCP and CT-920CH/CCP, 0.98" (26mm) Dia. Capacity with CT-3001/CCP	1	X	X
UCACSR	Cutter Blades for: 954 kcmil ACSR (Cardinal), 5/8" Standard Guy Strand, 1/2" EHS Guy Strand, 1/2" Ground Rod, 1/2" Rebar (Schedule 60)	1	X	X

\* CT-3001/CCP series tools requires UAM adapter sold separately to accommodate cutter blades.

### Adapter for CT-3001/CCP Tools for UC Cutting Blades



UAM

Part Number	Description	Std. Pkg. Qty.
UAM	Adapter for UC40 and UCACSR Cutting Blades used in CT-3001/CCP Tools	1

### Punch Drive Adapter Accessories^



CD-920-PDA

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP	CT-2920/CCP CT-920CH/CCP
CD-2001-PDA	Punch Drive Adapter, 2" (50mm) Max. Conduit Dia. Punch	1	X	-
CD-920-PDA	Punch Drive Adapter, 4" Max. Conduit Dia. Punch	1	-	X

^Can be used with Greenlee Standard Slug-Buster® and Slug-Splitter punches.

A. Cable Ties

B. Stainless Steel

C. Wiring Duct

D. Terminals and Reel Smart™ System

E. Power Connectors and Grounding

F. Part Number Index

## Uni-Die™ Quad-Point, Dieless, Manual Hydraulic, 6.2 Ton, Crimping Tool

- Quad-point indent crimping feature with patented centering system, no dies required
- Cushioned grips prevent hands from slipping on tool, reduces fatigue
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- Audible “pop-off” valve indicates crimp completion
- Closed head with bolt interlock, flip top style, rotatable 360 degrees
- Light weight, high quality aluminum housing and crimp head, results in lightweight tool and ease of operation
- 2-stage hydraulic system with rapid advance, double action handle and power stroke
- Automatic retraction when operation is complete
- Manual retraction if needed.
- Uses environmentally-friendly hydraulic oil, biodegradable



CT-980



Part Number	Part Description	Std. Pkg. Qty.
CT-980	<p>Manual hydraulic Uni-Die™ Dieless Crimping Tool provides UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lugs™. Terminates Panduit Compression Connectors:</p> <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor</li> <li>• Aluminum compression lugs and splices for #4 AWG - 500 kcmil</li> </ul> <p>Specifications:                      Output: 6.2 tons (55 kN)                      Jaw opening: 1.46" (37 mm)                      Weight: 9 lbs. (4.1 kg)                      Length: 20.7" (525 mm)                      Height: 7.9" (200 mm), Width: 2.9" (74 mm)                      Handle span: 15" (open), 5.75" (closed)                      Ambient temperature: 14°F - 104°F (-10°C to +40°C)                      Warranty: 2 years</p> <p>CT-980 includes:</p> <ul style="list-style-type: none"> <li>• Tool</li> <li>• Steel tool case</li> <li>• 10 solder slug gauges and Go/No-Go gauge for tool calibration</li> </ul>	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

## Accessories for CT-980 Hydraulic Crimping Tools



CG-980SS

Part Number	Part Description	Std. Pkg. Qty.
CG-980SS	Tool calibration solder slugs (10 pieces) (Normally included with CT-980, CT-2980/ST and CT-980CH tools).	1



## Uni-Die™ Dieless, Lithium-Ion Battery Powered, In-Line, Hydraulic, 3.4 - 6.7 Ton, Crimping Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

- 2-stage telescoping indenter identifies crimp force required for size of connector to be terminated
- Electronic control and monitoring of tool and crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation

B.  
Stainless  
Steel

- One-button operating concept for controlling all tool functions
- LED work light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 2-7 second crimp cycle time.
- Energy saving function with motor cut-out (autostop)
- Flip-top rotating crimping head 350 degrees
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retraction operation if needed
- Manual retract stop with “teach in” sets position of piston stop for multiple crimping operations.
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Includes two Makita\* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on 300 kcmil (150mm<sup>2</sup>) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



CT-3980

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	CT-3980	120 V	Terminates Panduit Compression Connectors: <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor</li> <li>• Copper compression lugs for #8 AWG – 373 kcmil flex conductor</li> <li>• Aluminum compression lugs for #6 AWG - 350 kcmil code conductor</li> </ul> Specifications: Crimp Force: 3.4 to 6.7 tons Number of crimps: approx. 300 crimps on 300 kcmil (150mm <sup>2</sup> ) copper code lug Crimp Cycle: 2 s (for MRS) to 7 s (depending on cross-section) Charging Time: 22 mins Stroke: 1.4 inches Jaw opening: 1.8" (45.7mm) Weight: 6.0 lbs. (2.7 kg.) Ambient Temperature: 14° to 104°F (-10°C to +40°C) Length: 15.7" (398 mm), Height: 4.6" (116 mm), Width: (3.0" (75 mm)) Warranty: 2 Years Tool includes: <ul style="list-style-type: none"> <li>• Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries</li> <li>• One Makita* 120 V battery charger</li> <li>• Heavy-duty storage case for tool, batteries and charger 18"L x 7"W x 14"H*</li> </ul>	1
	CT-3980/TO		Bare 3.4 - 6.7 Ton Battery Powered Die-less indenter crimping tool. No batteries, charger or case.	1
International	CT-3980/INT		3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE Approved w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug, Heavy-duty storage case.	1
UK	CT-3980/UK	230 V	3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE approved w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug, Heavy-duty storage case.	1
Australia	CT-3980/AUS		3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE approved w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug, Heavy-duty storage case.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations. \*Makita is a registered trademark of Makita Corporation.

*Continues on next page*



**Uni-Die™ Dieless, Lithium-Ion Battery Powered, In-Line, Hydraulic, 3.4 - 6.7 Ton, Crimping Tool (continued)**

**Accessories for CT-3980 Battery-Powered Hydraulic Crimping Tools**



**C-3980**

Part Number	Part Description	Std. Pkg. Qty.
C-3980	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



## Uni-Die™ Quad-Point, Dieless, Lithium-Ion Battery Powered Hydraulic, 6.2 Ton, Pistol Grip, Crimping Tool

A.  
Cable  
Ties

- Meets OSHA mandated electrical and mechanical product safety requirements  
Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive  
Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Quad-point indent crimping feature with patented centering system, no dies required
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- High quality aluminum crimp head, results in lightweight tool and ease of operation
- Ergonomic handle positioned at center of gravity for easy handling

- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 3-6 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating flip-top crimp head, rotates 350 degrees
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retraction operation if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Uses environmentally-friendly hydraulic oil, quickly biodegradable
- Includes two Makita\* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on 300 kcmil (150mm<sup>2</sup>) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



CT-2980/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
USA	CT-2980/ST	120 V	Terminates Panduit Compression Connectors: <ul style="list-style-type: none"> <li>• Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor</li> <li>• Aluminum compression lugs and splices for #4 AWG – 500 kcmil code conductor</li> </ul> Specifications: Output: 6.2 tons (55 kN) Crimping Cycle: 3 s to 6 s (depending on cross-section) Charging Time: 22 minutes Number of crimps: approx. 300 at 300 kcmil Cu. Code Jaw opening: 1.50" (38.1mm) Weight: 10.8 lbs. (4.9 kg) with battery Length: 15.7" (400 mm), Height: 13.5" (344 mm), Width: 3" (75 mm) Ambient Temperature: 10.4° F to 104° F (-12°C to +40°C) Warranty: 2 years Tool includes: <ul style="list-style-type: none"> <li>• Two Makita* 3.0 Ah high capacity lithium-ion 18 V rechargeable batteries</li> <li>• One Makita* 120 V battery charger</li> <li>• One shoulder strap</li> <li>• Heavy-duty plastic storage case with storage for tool, batteries, and charger.</li> <li>• 10 solder slug gauges and Go/No-Go gauge</li> </ul>	1
	CT-2980/TO		Uni-Die™ 6.2 Ton, Quad-Point Battery Powered , Flip-Top Head Dieless, Tool only - No battery, no charger, no case.	
International	CT-2980/STINT	230 V	CE Approved, Uni-Die™ 6.2 Ton, Quad-Point battery Powered Tool, Flip-Top Head Dieless, 120 V Charger, w/ two 3.0 Ah Makita* Li-ion batteries, Comes with carrying strap and plastic storage case.	1
UK	CT-2980/STUK		CE Approved, Uni-Die™ 6.2 Ton, Quad-Point battery Powered Tool, Flip-Top Head Dieless, 230 V British Charger w/ two 3.0 Ah Makita* Li-ion batteries. Comes with carrying strap and plastic storage case.	1
Australia	CT-2980/STAUS		CE Approved, Uni-Die™ 6.2 Ton, Quad-Point battery Powered Tool, Flip-Top Head Dieless, 230 V Australian Charger w/ two 3.0 Ah Makita* Li-ion batteries. Comes with carrying strap and plastic storage case.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations. \*Makita is a registered trademark of Makita Corporation.

## Accessories for CT-2981/ST Battery-Powered Hydraulic Crimping Tools



C-2980



CT-CSSP

Part Number	Part Description	Std. Pkg. Qty.
C-2980	Heavy-duty plastic carrying case for tool. 19.75"L (502mm) x23.25"W (591mm) x 6.5"H (165mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1
CG-980SS	Tool calibration solder slugs (10 pieces)	1

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## Uni-Die™ Quad-Point, Dieless, Remote Hydraulic, 6.2 Ton, Crimp Head

A.  
Cable  
Ties

- Quad-point indent crimping feature with patented centering system, no dies required
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Light weight due to high quality aluminum crimp head, results in lightweight tool and ease of operation
- Closed head with bolt interlock, flip top style.
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost

B.  
Stainless  
Steel



CT-980CH

Part Number	Part Description	Std. Pkg. Qty.
CT-980CH	<p>Remote hydraulic Uni-Die™ dieless crimp head provides UL Listed or Recognized and CSA Certified terminations of Panduit®</p> <ul style="list-style-type: none"> <li>• Pan-Lug™ Copper Compression Lugs and Splices for #4 AWG – 750 kcmil copper code conductor.</li> <li>• Pan-Lug™ Aluminum compression lugs and splices for #4 AWG – 500 kcmil code conductor</li> </ul> <p>Use with Panduit CT-902HP hydraulic pump and CT-900HPH 10' hydraulic hose see page E.31.</p> <p>Specifications:                      Output: 6.2 tons                      Jaw opening: 1.46"                      Weight: 6.2 lbs. (2.8 kg.)                      Length: 12.6" (321 mm)                      Height: 5.2" (132 mm)                      Width: 2.9" (74 mm)                      Warranty: 2 years</p> <p>CT-980CH includes:                      • Heavy duty carrying bag                      • 10 solder slug gauges and Go/No-Go gauge</p>	1

C.  
Wiring  
Duct



See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

D.  
Terminals  
and  
Reel  
Smart™  
System

### Accessories for CT-980 Hydraulic Crimping Tools



CG-980SS

Part Number	Part Description	Std. Pkg. Qty.
CG-980SS	Tool calibration solder slugs (10 pieces) (Normally included with tool)	1

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

## A/C Adapters for BlackFin Battery Powered Tools



CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

## Makita\* Battery Chargers for BlackFin Battery Powered Tools



CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

\* Makita is registered trademark of Makita Corporation.

## Makita\* 18 V Lithium-Ion Rechargeable batteries for BlackFin Tools



CT-LIBCMK3AH

Part Number	Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (America's-shipped from Greenlee)	1
CT-LIBCMK3AHINT	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (Australia Use)	1

\* Makita is registered trademark of Makita Corporation.

## FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface
- Download the free software at [www.panduit.com/blackfin](http://www.panduit.com/blackfin)



CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1



A.  
Cable  
Ties

## Cable Stripping Tool for Large Cable Sizes

- Provides safe and easy stripping of cable insulation for cables 3/16" to 1 9/16" diameter
- Cutting blade provides circular, spiral, and in-line insulation cutting
- Spiral cut mode, tough/hard insulations peel off easily
- In-line cut mode for use with softer insulation like neoprene
- Unique blade profile for long life, low friction stripping of difficult insulations like rubber and silicon
- Cutting blade easily adjusts to proper height to cut insulation without nicking conductor strands
- Ergonomic shape for safe comfortable use
- Compact design
- Easy-fit replacement blade, one spare blade included with tool



Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST114-157	0.18" – 1.57"	Cable stripping tool for stripping insulation from cables 3/16" to 1 9/16" diameter. Includes replacement cutting blade. Warranty: 90 days	1
CST114-157B	—	Blade replacement kit for CST114-157 cable stripping tool.	1

B.  
Stainless  
Steel

C.  
Wiring  
Duct

## Wire and Cable Stripping Tools

- Strips and cuts #20 – #10 AWG wire
- Lightweight and durable for comfortable long use
- Rust resistant coating included to improve durability of tool



Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST101	#20 – #10 AWG	V notch wire stripper.	1
CST115	#20 – #10 AWG	Plier nose wire stripper.	1



D.  
Terminals  
and  
Reel  
Smart™  
System

## Cable Cutting Tools

- Designed with optimal force transmission ratio and stepwise cutting to allow for one-hand operation
- Ergonomically formed, soft handle grips provide easy operation without fatigue
- All parts made of high-tempered special steel; blades and stressed parts are specially tempered or hardened for long term durability
- Not for use with steel and ASCR cable



Part Number	Part Description	Std. Pkg. Qty.
CCT-500	Ratchet cable cutting tool cuts both copper and aluminum solid code and stranded flex cables (AL & CU cable to 1000MCM) up to 2 -1/32" (52mm) diameter. Approximate dimensions 14" (356mm) x 5-1/2" (140mm) x 1" (25.4mm). Tool weight 29.6 oz. (840 g). Warranty: 1 year.	1
CCT-320	Ratchet cable cutting tool cuts both copper and aluminum solid code cables (AL cable to 600MCM and CU cable to 500MCM) from 1/4" (6mm) to 1" (25mm) and stranded flex cables from 1/4" (6mm) to 1-1/4" (32mm) diameter. Approximate dimensions 10" (254mm) x 3-3/4" (95mm) x 1" (25.4mm). Tool weight 21 oz. (600 g). Warranty: 1 year.	1

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

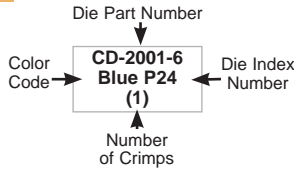
For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for:

### Types S

#### How to read this chart

For S6 lug and CT-3001/ST crimping tool:



#### Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number	Std. Wire Size	Wire Strip Length (in.)	Panduit Die Part Number Die Index Number (Number of Crimps)							Panduit Die Part Number Die Index Number (Number of Crimps)	Die Index Number (Number of Crimps)
			CT-1700 <sup>①</sup>	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool		
S8	#8 AWG	7/16	P21 (2)	CD-720-1 P21 (1)	KC4-8 Red (1)	CD-2001-8 P21 (1)	CD-920-8 P21 (1)	—	STD (1)		
S6	#6 AWG	1/2	P24 (2)	CD-720-1 P24 (1)	KC4-6 Blue (1)	CD-2001-6 P24 (1)	CD-920-6 P24 (1)	—	STD (1)		
S4	#4 AWG	1/2	P29 (2)	CD-720-1 P29 (1)	KC4-4 Gray (1)	CD-2001-4 P29 (1)	CD-920-4 P28 (1)	STD (1)	STD (1) #4 AWG STR, #2 AWG SOL		
S2	#2 & #1 AWG	5/8	P37 (3)	CD-720-2 P37 (1)	KC4-2 Brown (1)	CD-2001-1 P37 (1)	CD-920-1 P37 (1)	STD (1)	STD (1)		
S1/0	1/0 AWG	5/8	—	CD-720-2 P42 (1)	KC4-1/0 Pink (1)	CD-2001-1/0 P42 (1)	CD-920-1/0 P42 (1)	STD (1)	STD (1)		
S2/0	2/0 AWG	11/16	—	CD-720-2 P45 (2)	KC4-2/0 Black (2)	CD-2001-2/0 P45 (2)	CD-920-2/0 P45 (1)	STD (1)	STD (1)		
S3/0	3/0 AWG	7/8	—	CD-720-2 P50 (2)	KC4-3/0 Orange (2)	CD-2001-3/0 P50 (2)	CD-920-3/0 P50 (1)	STD (1)	STD (1)		
S4/0	4/0 AWG	15/16	—	CD-720-3 P54 (2)	KC4-4/0 Purple (2)	CD-2001-4/0 P54 (2)	CD-920-4/0 P54 (1)	STD (1)	STD (1)		
S250	250 kcmil	1-1/16	—	CD-720-3 P62 (2)	KC4-250 Yellow (2)	CD-2001-250 P62 (2)	CD-920-250 P62 (1)	STD (1)	STD (1)		

①The CT-1700 crimp die pockets are integrated into the tool frame.

③CD-920 dies can be used with CT-940CH series and CT-2940 series tools with die adapter.

**A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B** CT-920, CT-920/CV, CT-920/CH, CT-920/CH/CV, CT-920/CH/CCP, CT-930, CT-930/CH, CT-930/LPCH, CT-940/CH<sup>③</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVVAUS, CT-2931/STCVTO, CT-2940<sup>③</sup>, CT-2940/L<sup>③</sup>, CT-2940/LE<sup>③</sup>, CT-2940/ST<sup>③</sup>, CT-2940/STINT<sup>③</sup>, CT-2940/STUK<sup>③</sup>, CT-2940/STAUS<sup>③</sup>, CT-2940/TO<sup>③</sup>

**C** CT-980, CT-980/CH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

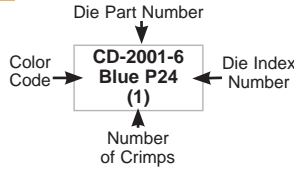
F.  
Part  
Number  
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**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCAS and SCSS

**How to read  
this chart**

For LCA6 lug  
and CT-3001/ST  
crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number	Std. Wire Size	Wire Strip Length (in.)	CT-1700 <sup>①</sup>	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCAS8	#8	1/2	Red P21	CD-720-1	KC4-8	CD-2001-8	CD-920-8	—	—	STD
SCSS8	AWG	7/16	(2)	Red P21	Red (1)	Red P21 (1)	Red P21 (1)			(1)
LCAS6	#6	9/16	Blue P24	CD-720-1	KC4-6	CD-2001-6	CD-920-6	—	—	STD
SCSS6	AWG	7/16	(2)	Blue P24	Blue (1)	Blue P24 (1)	Blue P24 (1)			(1)
LCAS4	#4	5/8	Gray P29	CD-720-1	KC4-4	CD-2001-4	CD-920-4	STD	STD	STD
SCSS4	AWG	7/16	(2)	Gray P29	Gray (1)	Gray P29 (1)	Gray P29 (1)	(1)	(1)	(1)
LCAS2	#2	5/8	Brown P33	CD-720-1	KC4-2	CD-2001-2	CD-920-2	STD	STD	STD
SCSS2	AWG	9/16	(2)	Brown P33	Brown (1)	Brown P33 (1)	Brown P33 (1)	(1)	(1)	(1)
LCAS1	#1	11/16	Green P37	CD-720-2	KC4-1	CD-2001-1	CD-920-1	STD	STD	STD
SCSS1	AWG		(3)	Green P37	Green (1)	Green P37 (1)	Green P37 (1)	(1)	(1)	(1)
LCAS1/0	1/0	3/4	—	CD-720-2	KC4-1/0	CD-2001-1/0	CD-920-1/0	STD	STD	STD
SCSS1/0	AWG	11/16		Pink P42	Pink (1)	Pink P42 (1)	Pink P42 (1)	(1)	(1)	(1)
LCAS2/0	2/0	3/4	—	CD-720-2	KC4-2/0	CD-2001-2/0	CD-920-2/0	STD	STD	STD
SCSS2/0	AWG			Black P45	Black (2)	Black P45 (2)	Black P45 (1)	(1)	(1)	(1)
LCAS3/0	3/0	7/8	—	CD-720-2	KC4-3/0	CD-2001-3/0	CD-920-3/0	STD	STD	STD
SCSS3/0	AWG	3/4		Orange P50	Orange (2)	Orange P50 (2)	Orange P50 (1)	(1)	(1)	(1)
LCAS4/0	4/0	1	—	CD-720-3	KC4-4/0	CD-2001-4/0	CD-920-4/0	STD	STD	STD
SCSS4/0	AWG	13/16		Purple P54	Purple (2)	Purple P54 (2)	Purple P54 (1)	(1)	(1)	(1)
LCAS250	250	1-1/8	—	CD-720-3	KC4-250	CD-2001-250	CD-920-250	STD	STD	STD
SCSS250	kcmil	1-1/16		Yellow P62	Yellow (2)	Yellow P62 (2)	Yellow P62 (1)	(1)	(1)	(1)

<sup>①</sup>The crimp die pockets are integrated into the tool frame.

<sup>③</sup>CD-920 dies can be used with CT-940CH series and CT-2940 series tools with die adapter.

**A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/ST AUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH<sup>③</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCV AUS, CT-2931/CVTO, CT-2940<sup>③</sup>, CT-2940/L<sup>③</sup>, CT-2940/LE<sup>③</sup>, CT-2940/ST<sup>③</sup>, CT-2940/STINT<sup>③</sup>, CT-2940/STUK<sup>③</sup>, CT-2940/ST AUS<sup>③</sup>, CT-2940/TO<sup>③</sup>

**C** CT-980, CT-980CH, CT-980LPCH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/ST AUS, CT-2980/TO, CT-2981

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

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Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCAS and SCSS

Thomas & Betts					Burndy					Anderson	Penn-Union	Greenlee	
TBM20S, TBM25S	TBM5	TBM6, TBM6S, TBM8, 25000	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-I, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MRTC, Y1MR	MY29	Y35,Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750-2, Y750BH, Y750BH-2, Y750HS, PAT750, BAT750, BAT35	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Red 21 (2)	Red 21 (1)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)	Red (2)	#8 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)	Blue (2)	#6 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)	Grey (2)	#4 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Brown 33 (2)	Brown 33 (2)	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	Brown (2)	#2 (1)	U2CRT Brown 10 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Pink 42 (1)	Pink 42 (1)	Pink 42 (1)	Pink 42H® (2)	STD (1)	Pink 42H® (2)	—	1/0 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Black 45 (2)	Black 45 (2)	Black 45 (1)	Black 45 (1)	STD (1)	Black 45 (1)	—	2/0 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Orange 50 (2)	Orange 50 (2)	Orange 50 (1)	Orange 50 (1)	STD (1)	Orange 50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)	Purple 54H® (2)	STD (1)	Purple 54H® (2)	—	4/0 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)	Yellow 62 (1)	STD (1)	Yellow 62 (1)	—	250 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	—	STD (1)

®Half width dies.

®Minimum size: #4 AWG lugs and splices.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

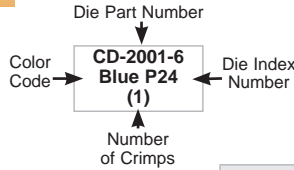
A.  
Cable  
Ties

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCA, LCAN, LCD, LCDN and SCS

How to read  
this chart

For LCA6 lug  
and CT-3001/ST  
crimping tool:



B.  
Stainless  
Steel

Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)		CT-2300/ST CT-2300/STINT CT-2300/STAUS CT-2300/STUK CT-2300/TO	CT-600A	CT-1700①	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
			CT-1570	CT-1701①					
LCA10 LCD10	#14 – #10 AWG STR, #12 – #10 AWG SOL	7/16	12-10 (1)	P10 (1)	CD-570 12-10 (1)	CT-570CH 12-10 (1)	—	—	—
LCA8 LCAN8 LCD8 LCDN8	#8 AWG	5/8	—	—			Red P21 (2)	CD-720-1 Red P21 (1)	KC4-8 Red (1)
SCS8		11/16							
LCA6 LCAN6 LCD6 LCDN6	#6 AWG	7/8	—	—			Blue P24 (2)	CD-720-1 Blue P24 (1)	KC4-6 Blue (1)
SCS6		13/16							
LCA4 LCAN4 LCD4 LCDN4	#4 – #3 AWG STR, #2 AWG SOL	7/8	—	—			Gray P29 (2)	CD-720-1 Gray P29 (1)	KC4-4 Gray (1)
SCS4		13/16							
LCA2 LCAN2 LCD2 LCDN2	#2 AWG	15/16	—	—			Brown P33 (2)	CD-720-1 Brown P33 (1)	KC4-2 Brown (1)
SCS2		7/8							
LCA1 LCAN1 LCD1 LCDN1	#1 AWG	15/16	—	—			Green P37 (3)	CD-720-2 Green P37 (1)	KC4-1 Green (1)
SCS1		7/8							
LCA1/0 LCAN1/0 LCD1/0 LCDN1/0	1/0 AWG	1	—	—			—	CD-720-2 Pink P42 (1)	KC4-1/0 Pink (1)
SCS1/0		7/8							
LCA2/0 LCAN2/0 LCD2/0 LCDN2/0	2/0 AWG	1-1/16	—	—			—	CD-720-2 Black P45 (2)	KC4-2/0 Black (2)
SCS2/0		15/16							
LCA3/0 LCAN3/0 LCD3/0 LCDN3/0	3/0 AWG	1-3/16	—	—			—	CD-720-2 Orange P50 (2)	KC4-3/0 Orange (2)
SCS3/0		1							

- ① The crimp die pockets are integrated into the tool frame.
- ③ CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.
- ⑤ Maximum size: 500 kcmil lugs and 250 kcmil splices.
- ⑥ Maximum size: 250 kcmil lugs and splices. No extended wire range.
- ⑦ Maximum size: 600 kcmil lugs and splices.

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For use with  
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Conductors

## Installation Tooling and Die Selections for: Types LCA, LCA<sub>N</sub>, LCD, LCD<sub>N</sub> and SCS

Panduit Part Number L=Lug S=Splice	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)				
	<b>A</b> See Tool List Above	<b>B</b> See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	<b>C</b> See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCA10 LCD10	—	—	—	—	—
LCA8 LCA <sub>N</sub> 8 LCD8 LCD <sub>N</sub> 8 SCS8	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	—	—	STD (1)
LCA6 LCA <sub>N</sub> 6 LCD6 LCD <sub>N</sub> 6 SCS6	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	—	STD (1)
LCA4 LCA <sub>N</sub> 4 LCD4 LCD <sub>N</sub> 4 SCS4	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	STD (1)	#4 – #2 AWG #2 AWG SOL Only (1)	STD (1)
LCA2 LCA <sub>N</sub> 2 <sup>ⓐ</sup> LCD2 LCD <sub>N</sub> 2 SCS2	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)	STD (1)	#6 – #2 AWG (1)	STD (1)
LCA1 LCA <sub>N</sub> 1 LCD1 LCD <sub>N</sub> 1 SCS1	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	STD (1)	#6 – #1 AWG (1)	STD (1)
LCA1/0 LCA <sub>N</sub> 1/0 LCD1/0 LCD <sub>N</sub> 1/0 SCS1/0	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	STD (1)	#6 – 1/0 AWG (1)	STD (1)
LCA2/0 LCA <sub>N</sub> 2/0 LCD2/0 LCD <sub>N</sub> 2/0 SCS2/0	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	STD (1)	#4 – 2/0 AWG (1)	STD (1)
LCA3/0 LCA <sub>N</sub> 3/0 LCD3/0 LCD <sub>N</sub> 3/0 SCS3/0	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	STD (1)	#2 – 3/0 AWG (1)	STD (1)

ⓐ The crimp die pockets are integrated into the tool frame. ⓑ CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ⓒ Maximum size: 500 kcmil lugs and 250 kcmil splices. ⓓ Maximum size: 250 kcmil lugs and splices. No extended wire range. ⓔ Maximum size: 600 kcmil lugs and splices.

- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/ST AUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH<sup>ⓐ</sup>, CT-940CH<sup>ⓐ</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>ⓐ</sup>, CT-2940/L<sup>ⓐ</sup>, CT-2940/LE<sup>ⓐ</sup>, CT-2940/ST<sup>ⓐ</sup>, CT-2940/STINT<sup>ⓐ</sup>, CT-2940/STUK<sup>ⓐ</sup>, CT-2940/ST AUS<sup>ⓐ</sup>, CT-2940/TO<sup>ⓐ</sup>
- C** CT-980, CT-980CH, CT-980LPCH<sup>ⓐ</sup>, CT-2950<sup>ⓐ</sup>, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/ST AUS, CT-2980/TO, CT-2981

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A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
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### Installation Tooling and Die Selections for: Types LCA, LCAN, LCD, LCDN and SCS (continued)

		Thomas & Betts					
	Panduit Part Number L=Lug S=Splice	TBM20S, TBM25S	TBM6, TBM6S, 25000, TBM5, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
A. Cable Ties	LCA10 LCD10	—	—	—	—	—	—
	LCA8 LCAN8 LCD8 LCDN8 SCS8	Red 21 (2)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)
B. Stainless Steel	LCA6 LCAN6 LCD6 LCDN6 SCS6	Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
	LCA4 LCAN4 LCD4 LCDN4 SCS4	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
C. Wiring Duct	LCA2 LCAN2® LCD2 LCDN2 SCS2	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
	LCA1 LCAN1 LCD1 LCDN1 SCS1	—	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
D. Terminals and Reel Smart™ System	LCA1/0 LCAN1/0 LCD1/0 LCDN1/0 SCS1/0	—	Pink 42 (1)	Pink 42 (1)	Pink 42H® (2)	STD (1)	Pink 42H® (2)
	LCA2/0 LCAN2/0 LCD2/0 LCDN2/0 SCS2/0	—	Black 45 (2)	Black 45 (1)	Black 45 (1)	STD (1)	Black 45 (1)
E. Power Connectors and Grounding	LCA3/0 LCAN3/0 LCD3/0 LCDN3/0 SCS3/0	—	Orange 50 (2)	Orange 50 (1)	Orange 50 (1)	STD (1)	Orange 50 (1)

- ② Half width dies.
- ⑦ Requires U die adapter.
- ⑧ Minimum size: #4 AWG lugs and splices.

*Continues on next page*

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN and SCS (continued)

Panduit Part Number L=Lug S=Splice	Burdny					Anderson	Penn-Union	Greenlee
	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45 <sup>Ⓢ</sup> , Y46 <sup>Ⓢ</sup>	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCA10 LCD10	—	—	—	—	—	—	—	—
LCA8 LCA8 LCD8 LCD8 SCS8	Red 49 (1)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
LCA6 LCA6 LCD6 LCD6 SCS6	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
LCA4 LCA4 LCD4 LCD4 SCS4	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
LCA2 LCA2 LCD2 LCD2 SCS2	Brown 10 (2)	#2 (1)	U2CRT Brown 9 [solid] / Brown 10 [stranded] (1)	U2CRT Brown 9 [solid] / Brown 10 [stranded] (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA1 LCA1 LCD1 LCD1 SCS1	—	#1 (1)	U1CRT Green 11 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA1/0 LCA1/0 LCD1/0 LCD1/0 SCS1/0	—	1/0 (1)	U25RT Pink 12 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA2/0 LCA2/0 LCD2/0 LCD2/0 SCS2/0	—	2/0 (1)	U26RT Black 13 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA3/0 LCA3/0 LCD3/0 LCD3/0 SCS3/0	—	3/0 (1)	U27RT Orange 14 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)

<sup>Ⓢ</sup> Requires U die adapter.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

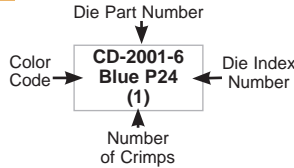
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**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN and SCS

**How to read  
this chart**

For LCA6 lug  
and CT-3001/ST  
crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages E.3)						
Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below
			Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0	4/0 AWG	1-1/4	CD-720-3 Purple P54 (2)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
SCS4/0		1				
LCA250 LCAN250 LCD250 LCDN250	250 kcmil	1-5/16	CD-720-3 Yellow P62 (2)	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
SCS250		1-1/16				
LCA300 LCAN300 LCD300 LCDN300	300 kcmil	1-1/2	CD-720-4 White P66 (2)	KC4-300 White (2)	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
SCS300		1-1/16				
LCA350 LCAN350 LCD350 LCDN350	350 kcmil	1-1/2	CD-720-5 Red P71 (2)	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)
SCS350		1-1/8				
LCA400 LCAN400 LCD400 LCDN400	400 kcmil	1-9/16	CD-720-6 Blue P76 (2)	—	CD-2001-400 Blue P76 (3)	CD-920-400 Blue P76 (2)
SCS400		1-3/16				
LCA500 LCAN500 LCD500 LCDN500	500 kcmil	1-13/16	CD-720-7 Brown P87 (2)	—	CD-2001-500 Brown P87 (3)	CD-920-500 Brown P87 (2)
SCS500		1-3/8				
LCA600 LCAN600 LCD600 LCDN600	600 kcmil	1-13/16	—	—	***KC22-600B Green (2)	CD-920-600 Green P94 (2)
SCS600		1-3/8				
LCA750 LCAN750 LCD750 LCDN750	750 kcmil	1-15/16	—	—	—	CD920-750 CD-940-750④ Black P106 (2)
SCS750		1-5/8				
LCD1000 SCS1000	1000 kcmil	1-15/16	—	—	—	CD-940-1000④ White P125 (4)
		1-7/8				

①The crimp die pockets are integrated into the tool frame. ②CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ③CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools. ④Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑤Maximum size: 250 kcmil lugs and splices. No extended wire range. ⑥ Maximum size: 600 kcmil lugs and splices. \*\*\*KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

**A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPC⑦, CT-940CH⑧, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940⑨, CT-2940/L⑩, CT-2940/LE⑩, CT-2940/ST⑩, CT-2940/STINT⑩, CT-2940/STUK⑩, CT-2940/STAUS⑩, CT-2940/TO⑩

*Continues on next page*

For use with  
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## Installation Tooling and Die Selections for:

Types LCA, LCA<sub>N</sub>, LCD, LCD<sub>N</sub> and SCS

Panduit Part Number L=Lug S=Splice	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)		
	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	<b>C</b> See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
	Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
LCA4/0 LCA <sub>N</sub> 4/0 LCD4/0 LCD <sub>N</sub> 4/0 SCS4/0	STD (1)	1 – 4/0 AWG (1)	STD (1)
LCA250 LCA <sub>N</sub> 250 LCD250 LCD <sub>N</sub> 250 SCS250	STD (1)	1/0 AWG – 250 kcmil (2)	STD (1)
LCA300 LCA <sub>N</sub> 300 LCD300 LCD <sub>N</sub> 300 SCS300	STD (1)	2/0 AWG – 300 kcmil (2)	STD (1)
LCA350 LCA <sub>N</sub> 350 LCD350 LCD <sub>N</sub> 350 SCS350	STD (1)	3/0 AWG – 350 kcmil (2)	STD (1)
LCA400 LCA <sub>N</sub> 400 LCD400 LCD <sub>N</sub> 400 SCS400	STD (1)	4/0 AWG – 400 kcmil (2)	STD (1)
LCA500 LCA <sub>N</sub> 500 LCD500 LCD <sub>N</sub> 500 SCS500	STD (1)	4/0 AWG – 500 kcmil (2)	STD (1)
LCA600 LCA <sub>N</sub> 600 LCD600 LCD <sub>N</sub> 600 SCS600	STD (1)	250 – 600 kcmil (2)	STD (1)
LCA750 LCA <sub>N</sub> 750 LCD750 LCD <sub>N</sub> 750 SCS750	STD (1)	500 – 750 kcmil (2)	—
LCD1000 SCS1000	—	—	—

©Maximum size: 500 kcmil lugs and 250 kcmil splices. ©Maximum size: 250 kcmil lugs and splices. No extended wire range.

**C**

CT-980, CT-980CH, CT-980LPCH®, CT-2950®, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
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For use with  
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### Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN and SCS (continued)

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
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Panduit Part Number	Thomas & Betts					
	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR®	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
L= Lug S= Splice						
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0 SCS4/0	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)	Purple 54H② (2)	STD (1)	Purple 54H② (2)
LCA250 LCAN250 LCD250 LCDN250 SCS250	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)	Yellow 62 (1)	STD (1)	Yellow 62 (1)
LCA300 LCAN300 LCD300 LCDN300 SCS300	—	White 66 (2)	White 66H② (1)	White 66 (1)	STD (1)	White 66 (1)
LCA350 LCAN350 LCD350 LCDN350 SCS350	—	Red 71 (2)	Red 71H② (2)	Red 71H② (2)	STD (1)	Red 71H② (2)
LCA400 LCAN400 LCD400 LCDN400 SCS400	—	Blue 76 (2)	Blue 76H② (2)	Blue 76H② (2)	STD (1)	Blue 76 (1)
LCA500 LCAN500 LCD500 LCDN500 SCS500	—	Brown 87 (2)	Brown 87H② (2)	Brown 87H② (2)	STD (1)	Brown 87H② (2)
LCA600 LCAN600 LCD600 LCDN600 SCS600	—	—	Green 94H② (2)	Green 94H② (2)	STD (1)	Green 94H② (2)
LCA750 LCAN750 LCD750 LCDN750 SCS750	—	—	Black 106H② (2)	Black 106H② (2)	STD (1)	Black 106H② (2)
LCD1000 SCS1000	—	—	—	125H② (2)	—	125H② (2)

②Half width dies.

⑦Requires U die adapter.

⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

For use with  
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## Installation Tooling and Die Selections for: Types LCA, LCA, LCD, LCDN and SCS (continued)

Panduit Part Number L=Lug S=Splice	Burndy					Anderson	Penn-Union	Greenlee
	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y35BH, Y750, Y39BH, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45 <sup>Ⓞ</sup> , Y46 <sup>Ⓞ</sup>	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0 SCS4/0	—	4/0 (1)	U28RT Purple 15 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA250 LCAN250 LCD250 LCDN250 SCS250	—	250 (1)	U29RT Yellow 16 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	STD (1)	STD (1)
LCA300 LCAN300 LCD300 LCDN300 SCS300	—	—	U30RT White 17 (2)	U30RT White 17 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA350 LCAN350 LCD350 LCDN350 SCS350	—	—	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA400 LCAN400 LCD400 LCDN400 SCS400	—	—	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA500 LCAN500 LCD500 LCDN500 SCS500	—	—	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA600 LCAN600 LCD600 LCDN600 SCS600	—	—	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	—	STD (1)	—
LCA750 LCAN750 LCD750 LCDN750 SCS750	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	—	STD (1)	—
LCD1000 SCS1000	—	—	—	S44RT White 27 (4)	—	—	—	—

ⓄHalf width dies.

ⓄRequires U die adapter.

ⓄMinimum size: #4 AWG lugs and splices.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
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System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
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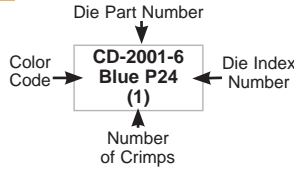
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**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL

How to read  
this chart

For LCB6 lug  
and CT-3001/ST  
crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Page E.3)				
			CT-1570	CT-1701 <sup>①</sup>	CT-2300/ST CT-2300/STINT CT-2300/ST AUS CT-2300/ST UK CT-2300/TO	CT-600A	CT-1700 <sup>②</sup>
LCB10 LCC10	#14 – #10 AWG STR, #12 – #10 AWG SOL	9/16	12-10 (2)	P10 (2)	CD-570 12-10 (2)	CT-570CH 12-10 (2)	—
LCB8 LCBN8 LCC8 LCCN8	#8 AWG	3/4	—	—			Red P21 (3)
SCL8		1-1/16					
LCB6 LCBN6 LCC6 LCCN6	#6 AWG	1-1/8	—	—			Blue P24 (3)
SCL6							
LCB4 LCBN4 LCC4 LCCN4	#4 – #3 AWG STR, #2 AWG SOL	1-1/8	—	—			Gray P29 (3)
SCL4							
LCB2 LCBN2 LCC2 LCCN2	#2 AWG	1-1/4	—	—			Brown P33 (3)
SCL2							
LCB1 LCBN1 LCC1 LCCN1	#1 AWG	1-7/16	—	—			Green P37 (4)
SCL1		1-3/8					
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0	1/0 AWG	1-1/2	—	—			
SCL1/0		1-3/8					
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0	2/0 AWG	1-9/16	—	—			
SCL2/0		1-1/2					
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0	3/0 AWG	1-9/16	—	—			
SCL3/0		1-1/2					
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0	4/0 AWG	1-5/8	—	—			
SCL4/0							
LCB250 LCBN250 LCC250 LCCN250	250 kcmil	1-11/16	—	—			
SCL250		1-5/8					

①The crimp die pockets are integrated into the tool frame. ②CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

*Continues on next page*

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL

- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH<sup>Ⓞ</sup>, CT-940CH<sup>Ⓞ</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>Ⓞ</sup>, CT-2940/L<sup>Ⓞ</sup>, CT-2940/LE<sup>Ⓞ</sup>, CT-2940/ST<sup>Ⓞ</sup>, CT-2940/STINT<sup>Ⓞ</sup>, CT-2940/STUK<sup>Ⓞ</sup>, CT-2940/STAUS<sup>Ⓞ</sup>, CT-2940/TO<sup>Ⓞ</sup>
- C** CT-980, CT-980CH, CT-980LPCH<sup>Ⓞ</sup>, CT-2950<sup>Ⓞ</sup>, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981.

Panduit (See Compression Connector Tools Selection Guide, Page E.3)

Panduit Part Number L=Lug S=Splice	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	<b>A</b> See Tool List Above	<b>B</b> See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	<b>C</b> See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB10 LCC10	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8 SCL8	CD-720-1 Red P21 (2)	KC4-8 Red (1)	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (1)	—	—	STD (1)
LCB6 LCBN6 LCC6 LCCN6 SCL6	CD-720-1 Blue P24 (2)	KC4-6 Blue (1)	CD-2001-6 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	—	STD (1)
LCB4 LCBN4 LCC4 LCCN4 SCL4	CD-720-1 Gray P29 (2)	KC4-4 Gray (1)	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (1)	STD (1)	#4 – #2 AWG #2 AWG SOL Only (1)	STD (1)
LCB2 LCBN2 LCC2 LCCN2 SCL2	CD-720-1 Brown P33 (2)	KC4-2 Brown (1)	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	#6 – #2 AWG (1)	STD (1)
LCB1 LCBN1 LCC1 LCCN1 SCL1	CD-720-2 Green P37 (2)	KC4-1 Green (1)	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (1)	STD (1)	#6 – #1 AWG (1)	STD (1)
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0 SCL1/0	CD-720-2 Pink P42 (2)	KC4-1/0 Pink (1)	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	#6 – 1/0 AWG (2)	STD (1)
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0 SCL2/0	CD-720-2 Black P45 (3)	KC4-2/0 Black (2)	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	#4 – 2/0 AWG (2)	STD (1)
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0 SCL3/0	CD-720-2 Orange P50 (3)	KC4-3/0 Orange (2)	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	#2 – 3/0 AWG (2)	STD (1)
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0 SCL4/0	CD-720-3 Purple P54 (3)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	#1 – 4/0 AWG (2)	STD (1)
LCB250 LCBN250 LCC250 LCCN250 SCL250	CD-720-3 Yellow P62 (4)	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)	1/0 AWG – 250 kcmil (3)	STD (1)

ⓄMaximum size: 500 kcmil lugs and 250 kcmil splices. ⓂMaximum size: 250 kcmil lugs and splices. No extended wire range. ⓉMaximum size: 600 kcmil lugs and splices.

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A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
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### Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
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Grounding

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Panduit Part Number L=Lug S=Splice	Thomas & Betts						
	TBM20S, TBM25S	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR®, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCB10 LCC10	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8	Red 21 (3)	Red 21 (1)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)
SCL8							
LCB6 LCBN6 LCC6 LCCN6	Blue 24 (3)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
SCL6							
LCB4 LCBN4 LCC4 LCCN4	Gray 29 (3)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
SCL4							
LCB2 LCBN2 LCC2 LCCN2	Brown 33 (3)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
SCL2							
LCB1 LCBN1 LCC1 LCCN1	—	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
SCL1							
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0	—	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42H® (4)	STD (2)	Pink 42H® (4)
SCL1/0							
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0	—	Black 45 (3)	Black 45 (3)	Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)
SCL2/0							
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0	—	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	Orange 50 (2)	STD (2)	Orange 50 (2)
SCL3/0							
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0	—	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)	Purple 54H® (4)	STD (2)	Purple 54H® (4)
SCL4/0							
LCB250 LCBN250 LCC250 LCCN250	—	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)
SCL250							

®Half width dies. ⑦Requires U die adapter. ⑧Minimum size: #4 AWG lugs and splices.

Continues on next page



For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

Panduit Part Number L=Lug S=Splice	Burndy					Anderson	Penn-Union	Greenlee
	Y2MR, Y1MR, Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45 <sup>Ⓢ</sup> , Y46 <sup>Ⓢ</sup>	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
LCB10 LCC10	—	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8	Red 49 (2)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
SCL8								
LCB6 LCBN6 LCC6 LCCN6	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
SCL6								
LCB4 LCBN4 LCC4 LCCN4	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
SCL4								
LCB2 LCBN2 LCC2 LCCN2	Brown 10 (2)	#2 (1)	U2CRT Brown 9 (solid) / Brown 10 (stranded) (2)	U2CRT Brown 9 (solid) / Brown 10 (stranded) (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL2								
LCB1 LCBN1 LCC1 LCCN1		#1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL1								
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0		1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL1/0								
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0		2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL2/0								
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0		3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL3/0								
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0		4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL4/0								
LCB250 LCBN250 LCC250 LCCN250		250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL250								

ⓈHalf width dies. ⓈRequires U die adapter. ⓈMinimum size: #4 AWG lugs and splices.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

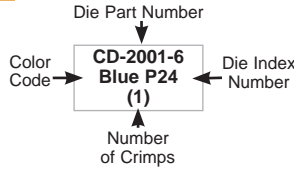
F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL

### How to read this chart

For LCB6 lug  
and CT-3001/ST  
crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)	
			CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
LCB300 LCBN300 LCC300 LCCN300	300 kcmil	2-5/16	CD-720-4 White P66 (4)	KC4-300 White (2)
SCL300		2		
LCB350 LCBN350 LCC350 LCCN350	350 kcmil	2-5/16	CD-720-5 Red P71 (4)	—
SCL350		2		
LCB400 LCBN400 LCC400 LCCN400	400 kcmil	2-3/8	CD-720-6 Blue P76 (4)	—
SCL400		2-1/8		
LCB500 LCBN500 LCC500 LCCN500	500 kcmil	2-9/16	CD-720-7 Brown P87 (4)	—
SCL500		2-1/4		
LCB600 LCBN600 LCC600 LCCN600	600 kcmil	2-3/4	—	—
SCL600		2-11/16		
LCB750 LCBN750 LCC750 LCCN750	750 kcmil	2-15/16	—	—
SCL750		2-7/8		
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000	1000 kcmil	3-1/16	—	—
SCL1000		3		

③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter

④CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools.

⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.

⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.

⑨Maximum size: 600 kcmil lugs and splices.

\*\*\*KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

*Continues on next page*

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL

- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH<sup>Ⓓ</sup>, CT-940CH<sup>Ⓓ</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>Ⓓ</sup>, CT-2940/L<sup>Ⓓ</sup>, CT-2940/LE<sup>Ⓓ</sup>, CT-2940/ST<sup>Ⓓ</sup>, CT-2940/STINT<sup>Ⓓ</sup>, CT-2940/STUK<sup>Ⓓ</sup>, CT-2940/STAUS<sup>Ⓓ</sup>, CT-2940/TO<sup>Ⓓ</sup>
- C** CT-980, CT-980CH, CT-980LPCH<sup>Ⓓ</sup>, CT-2950<sup>Ⓓ</sup>, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981, Extended Wire Range

Panduit Part Number L=Lug S=Splice	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)				
	<b>A</b> See Tool List Above	<b>B</b> See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	<b>C</b> See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB300 LCBN300 LCC300 LCCN300 SCL300	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)	STD (1)	2/0 AWG – 300 kcmil (3)	STD (1)
LCB350 LCBN350 LCC350 LCCN350 SCL350	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)	3/0 AWG – 350 kcmil (3)	STD (1)
LCB400 LCBN400 LCC400 LCCN400 SCL400	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	STD (1)	4/0 AWG – 400 kcmil (3)	STD (1)
LCB500 LCBN500 LCC500 LCCN500 SCL500	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	4/0 AWG – 500 kcmil (3)	STD (1)
LCB600 LCBN600 LCC600 LCCN600 SCL600	***KC22-600B Green (4)	CD-920-600 Green P94 (4)	STD (1)	250 – 600 kcmil (3)	STD (1)
LCB750 LCBN750 LCC750 LCCN750 SCL750	—	CD-920-750 CD-940-750 <sup>Ⓓ</sup> Black P106 (4)	STD (1)	500 – 750 kcmil (3)	—
LCB800 LCBN800 LCC800 LCCN800	—	CD-940-800 <sup>Ⓓ</sup> Orange P107 (4)	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	—	CD-940-1000 <sup>Ⓓ</sup> White P125 (4)	—	—	—

ⒹCD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter  
 ⒹCD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools.  
 ⒹMaximum size: 500 kcmil lugs and 250 kcmil splices.  
 ⒹMaximum size: 250 kcmil lugs and splices. No extended wire range.  
 ⒹMaximum size: 600 kcmil lugs and splices.  
 \*\*\*KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

For use with  
Copper  
Conductors

### Installation Tooling and Die Selections for: Types LCB, LCBN, LCC, LCCN and SCL (continued)

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Panduit Part Number L=Lug S=Splice	Thomas & Betts				
	TBM6, TBM6S, 25000 TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR®, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCB300 LCBN300 LCC300 LCCN300 SCL300	White 66 (4)	White 66 <sup>②</sup> (4)	White 66 (3)	STD (3)	White 66 (3)
LCB350 LCBN350 LCC350 LCCN350 SCL350	Red 71 (4)	Red 71H <sup>②</sup> (4)	Red 71 <sup>②</sup> (4)	STD (3)	Red 71 (4)
LCB400 LCBN400 LCC400 LCCN400 SCL400	Blue 76 (4)	Blue 76H <sup>②</sup> (4)	Blue <sup>②</sup> (4)	STD (3)	Blue 76 (4)
LCB500 LCBN500 LCC500 LCCN500 SCL500	Brown 87 (4)	Brown 87H <sup>②</sup> (4)	Brown 87 <sup>②</sup> (4)	STD (3)	Brown 87 (4)
LCB600 LCBN600 LCC600 LCCN600 SCL600	—	Green 94H <sup>②</sup> (4)	Green 94 <sup>②</sup> (4)	STD (4)	Green 94 (4)
LCB750 LCBN750 LCC750 LCCN750 SCL750	—	Black 106H <sup>②</sup> (4)	Black 106 <sup>②</sup> (4)	STD (4)	Black 106 (4)
LCB800 LCBN800 LCC800 LCCN800	—	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	—	Yellow 125H <sup>②</sup> (4)	125 <sup>②</sup> (4)	—	125 <sup>②</sup> (4)

②Half width dies.

⑦Requires U die adapter.

⑧Minimum size: #4 AWG lugs and splices.

*Continues on next page*

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Copper  
Conductors

**Installation Tooling and Die Selections for:**  
Types LCB, LCBN, LCC, LCCN and SCL (continued)

Panduit Part Number L=Lug S=Splice	Burndy			Anderson	Penn-Union	Greenlee
	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45 <sup>Ⓞ</sup> , Y46 <sup>Ⓞ</sup>	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
LCB300 LCBN300 LCC300 LCCN300 SCL300	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB350 LCBN350 LCC350 LCCN350 SCL350	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB400 LCBN400 LCC400 LCCN400 SCL400	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB500 LCBN500 LCC500 LCCN500 SCL500	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB600 LCBN600 LCC600 LCCN600 SCL600	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
LCB750 LCBN750 LCC750 LCCN750 SCL750	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
LCB800 LCBN800 LCC800 LCCN800	—	—	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	—	S44RT White 27 (6)	—	—	—	—

ⓄHalf width dies.

ⓄRequires U die adapter.

ⓄMinimum size: #4 AWG lugs and splices.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

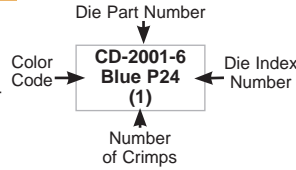


**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCBH, LCCH and SCH

How to read  
this chart

For LCBH6 lug  
and CT-3001/ST  
crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)		
			CT-1700 <sup>①</sup>	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
LCBH6 LCCH6 SCH6	#6 AWG	1-1/8 15/16	Blue P24 (3)	CD-720-1 Blue P24 (2)	KC4-6 Blue (1)
LCBH4 LCCH4 SCH4	#4 AWG	1-1/8 15/16	Gray P29 (3)	CD-720-1 Gray P29 (2)	KC4-4 Gray (1)
LCBH2 LCCH2 SCH2	#2 AWG	1-1/4 1	Brown P33 (3)	CD-720-1 Brown P33 (2)	KC4-2 Brown (1)
LCBH1 LCCH1 SCH1	#1 AWG	1-7/16 1	Green P37 (3)	CD-720-2 Green P37 (2)	KC4-1 Green (1)
LCBH1/0 LCCH1/0 SCH1/0	1/0 AWG	1-1/2 1	—	CD-720-2 Pink P42 (2)	KC4-1/0 Pink (1)
LCBH2/0 LCCH2/0 SCH2/0	2/0 AWG	1-9/16 1-1/16	—	CD-720-2 Black P45 (3)	KC4-2/0 Black (2)
LCBH3/0 LCCH3/0 SCH3/0	3/0 AWG	1-9/16 1-3/16	—	CD-720-2 Orange P50 (3)	KC4-3/0 Orange (2)
LCBH4/0 LCCH4/0 SCH4/0	4/0 AWG	1-5/8 1-3/16	—	CD-720-3 Purple P54 (3)	KC4-4/0 Purple (2)
LCBH250 LCCH250 SCH250	250 kcmil	1-11/16 1-1/4	—	CD-720-3 Yellow P62 (4)	KC4-250 Yellow (2)
LCBH300 LCCH300 SCH300	300 kcmil	2-5/16 2	—	CD-720-4 White P66 (4)	KC4-300 White (2)
LCBH350 LCCH350 SCH350	350 kcmil	2-5/16 2	—	CD-720-5 Red P71 (4)	—
LCBH400 LCCH400 SCH400	400 kcmil	2-3/8 2-1/8	—	CD-720-6 Blue P76 (4)	—
LCBH500 LCCH500 SCH500	500 kcmil	2-9/16 2-1/4	—	CD-720-7 Brown P87 (4)	—
LCBH600 LCCH600 SCH60	600 kcmil	2-3/4 2-11/16	—	—	—
LCBH750 LCCH750 SCH750	750 kcmil	2-15/16 2-7/8	—	—	—
LCBH1000 LCCH1000 SCH1000	1000 kcmil	3-1/16 3	—	—	—

①The CT-1700 crimp die pockets are integrated into the tool frame. ②CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

③CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. ④Maximum size: 500 kcmil lugs and 250 kcmil splices.

⑤Maximum size: 600 kcmil lugs and splices. ⑥Maximum size: 250 kcmil lugs and splices. No Extended Wire Range

*Continues on next page*

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCBH, LCCH and SCH

- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH<sup>Ⓢ</sup>, CT-940CH<sup>Ⓢ</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>Ⓢ</sup>, CT-2940/L<sup>Ⓢ</sup>, CT-2940/LE<sup>Ⓢ</sup>, CT-2940/ST<sup>Ⓢ</sup>, CT-2940/STINT<sup>Ⓢ</sup>, CT-2940/STUK<sup>Ⓢ</sup>, CT-2940/STAUS<sup>Ⓢ</sup>, CT-2940/TO<sup>Ⓢ</sup>
- C** CT-980, CT-980CH, CT-980LPCH<sup>Ⓢ</sup>, CT-2950<sup>Ⓢ</sup>, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number L=Lug S=Splice	<b>A</b> See Tool List Above	<b>B</b> See Tool List Above	<b>CT-2920/CCP</b> <b>CT-920CH/CCP</b> <b>UA12ID</b> <b>INDENTER</b>	<b>C</b> See Uni-Die™ Dieless Tools Above	<b>CT-3980</b> <b>CT-3980/INT</b> <b>CT-3980/UK</b> <b>CT-3980/AUS</b> <b>CT-3980/TO</b> Uni-Die™ Dieless Tool
LCBH6 LCCH6 SCH6	CD-2001-6 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	—	STD (1)
LCBH4 LCCH4 SCH4	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (1)	STD (1)	#4-#2 AWG, # 2 AWG SOL only (1)	STD (1)
LCBH2 LCCH2 SCH2	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	#6 - #2 AWG	STD (1)
LCBH1 LCCH1 SCH1	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (1)	STD (1)	#6 - 1 AWG	STD (1)
LCBH1/0 LCCH1/0 SCH1/0	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	#6 - #1/0 AWG	STD (1)
LCBH2/0 LCCH2/0 SCH2/0	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	#4 - 2/0 AWG	STD (1)
LCBH3/0 LCCH3/0 SCH3/0	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	#2 - 3/0 AWG	STD (1)
LCBH4/0 LCCH4/0 SCH4/0	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	#1 - 4/0 AWG	STD (1)
LCBH250 LCCH250 SCH250	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)	1/0 AWG - 250 kcmil	STD (1)
LCBH300 LCCH300 SCH300	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)	STD (1)	2/0 AWG - 300 kcmil	STD (1)
LCBH350 LCCH350 SCH350	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)	3/0 AWG - 350 kcmil	STD (1)
LCBH400 LCCH400 SCH400	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	STD (1)	4/0 AWG - 400 kcmil	STD (1)
LCBH500 LCCH500 SCH500	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	4/0 AWG - 500 kcmil	STD (1)
LCBH600 LCCH600 SCH600	—	CD-920-600 Green P94 (4)	STD (1)	250 - 600 kcmil	STD (1)
LCBH750 LCCH750 SCH750	—	CD-920-750, CD-940-750 <sup>Ⓢ</sup> Black P106 (4)	STD (1)	500 - 750 kcmil	
LCBH1000 LCCH1000 SCH1000	—	CD-940-1000 <sup>Ⓢ</sup> Green P125 (4)	—	—	

ⓈThe CT-1700 crimp die pockets are integrated into the tool frame. ⓈCD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.  
 ⓈCD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. ⓈMaximum size: 500 kcmil lugs and 250 kcmil splices.  
 ⓈMaximum size: 600 kcmil lugs and splices. ⓈMaximum size: 250 kcmil lugs and splices. No Extended Wire Range

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A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

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For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCBH, LCCH and SCH (continued)

Panduit Part Number L=Lug S=Splice	Thomas & Betts					
	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCBH6 LCCH6 SCH6	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
LCBH4 LCCH4 SCH4	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
LCBH2 LCCH2 SCH2	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
LCBH1 LCCH1 SCH1	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
LCBH1/0 LCCH1/0 SCH1/0	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42H <sup>Ⓣ</sup> (4)	STD (2)	Pink 42H <sup>Ⓣ</sup> (4)
LCBH2/0 LCCH2/0 SCH2/0	Black 45 (3)	Black 45 (3)	Black 45 (3)	Black 45 (2)	STD (2)	Black 45 (2)
LCBH3/0 LCCH3/0 SCH3/0	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	Orange 50 (2)	STD (2)	Orange 50 (2)
LCBH4/0 LCCH4/0 SCH4/0	Purple 54 (3)	Purple 54 (3)	Purple 54 (3)	Purple 54H <sup>Ⓣ</sup> (4)	STD (2)	Purple 54H <sup>Ⓣ</sup> (4)
LCBH250 LCCH250 SCH250	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)
LCBH300 LCCH300 SCH300	—	White 66 (4)	White 66H <sup>Ⓣ</sup> (4)	White 66H <sup>Ⓣ</sup> (4)	STD (3)	White 66 (4)
LCBH350 LCCH350 SCH350	—	Red 71 (4)	Red 71H <sup>Ⓣ</sup> (4)	Red 71H <sup>Ⓣ</sup> (4)	STD (3)	Red 71H <sup>Ⓣ</sup> (4)
LCBH400 LCCH400 SCH400	—	Blue 76 (4)	Blue 76H <sup>Ⓣ</sup> (4)	Blue 76H <sup>Ⓣ</sup> (4)	STD (3)	Blue 76 (4)
LCBH500 LCCH500 SCH500	—	Brown 87 (4)	Brown 87H <sup>Ⓣ</sup> (4)	Brown 87H <sup>Ⓣ</sup> (4)	STD (3)	Brown 87H <sup>Ⓣ</sup> (4)
LCBH600 LCCH600 SCH600	—	—	Green 94H <sup>Ⓣ</sup> (4)	Green 94H <sup>Ⓣ</sup> (4)	STD (4)	Green 94H <sup>Ⓣ</sup> (4)
LCBH750 LCCH750 SCH750	—	—	Black 106H <sup>Ⓣ</sup> (4)	Black 106H <sup>Ⓣ</sup> (4)	STD (4)	Black 106H <sup>Ⓣ</sup> (4)
LCBH1000 LCCH1000 SCH1000	—	—	125H <sup>Ⓣ</sup> (4)	125H <sup>Ⓣ</sup> (4)	—	125H <sup>Ⓣ</sup> (4)

ⓉHalf width dies. ⓉRequires U die adapter. ⓉMinimum size: #4 AWG lugs and splices.

Continues on next page

For use with  
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Conductors

## Installation Tooling and Die Selections for: Types LCBH, LCCH and SCH (continued)

Panduit Part Number L=Lug S=Splice	Burndy				Anderson	Penn-Union	Greenlee
	MY29	Y39, Y35, Y35BH, BAT35, Y750, Y750BH-2, Y750HS, Y750-2, BAT750, PAT750, Y39BH, Y750BH	Y45 <sup>Ⓢ</sup> , Y46 <sup>Ⓢ</sup>	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCBH6 LCCH6 SCH6	6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
LCBH4 LCCH4 SCH4	4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
LCBH2 LCCH2 SCH2	2 (1)	U2CRT Brown 10 (2)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH1 LCCH1 SCH1	1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH1/0 LCCH1/0 SCH1/0	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH2/0 LCCH2/0 SCH2/0	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH3/0 LCCH3/0 SCH3/0	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCBH4/0 LCCH4/0 SCH4/0	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCBH250 LCCH250 SCH250	250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (2)	STD (1)
LCBH300 LCCH300 SCH300	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH350 LCCH350 SCH350	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH400 LCCH400 SCH400	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH500 LCCH500 SCH500	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH600 LCCH600 SCH600	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (2)	—
LCBH750 LCCH750 SCH750	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
LCBH1000 LCCH1000 SCH1000	—	—	S44RT White 27 (6)	—	—	—	—

ⓈHalf width dies. <sup>Ⓢ</sup>Requires U die adapter. <sup>Ⓢ</sup>Minimum size: #4 AWG lugs and splices.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

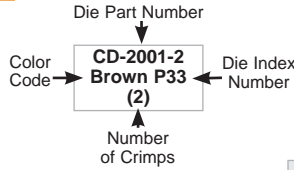
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**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for:

### Types SCT

**How to read  
this chart**  
For SCT2-2  
splice and  
CT-3001/ST  
crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages E.3)

Panduit Part Number	Std. Wire Size	Wire Strip Length (in.)	CT-1700 <sup>①</sup>	CT-720	A	B	C
					See Tool List Below	See Tool List Below	See Uni-Die™ Dieless Tools Below
					Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
SCT2-2	#2 AWG	2	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)
	#2 AWG	1-9/16					
SCT1/0-1/0	1/0 AWG	2-1/16	Pink P42 (3)	CD-720-2 Pink P42 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)
	1/0 AWG	1-9/16					
SCT2/0-2/0	2/0 AWG	2-1/16	—	CD-720-2 Black P45 (3)	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)
	2/0 AWG	1-9/16					
SCT4/0-1/0	4/0 AWG	2-1/16	—	CD-720-2 Pink P42 (3)	CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	STD (1)
	1/0 AWG	1-9/16					
SCT4/0-4/0	4/0 AWG	2-1/8	—	CD-720-3 Purple P54 (3)	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)
	4/0 AWG	1-11/16					
SCT250-250	250 kcmil	2-3/16	—	CD-720-3 Yellow P62 (4)	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)
	250 kcmil	1-11/16					
SCT300-300	300 kcmil	2-13/16	—	CD-720-4 White P65 (4)	CD-2001-300 White P66 (3)	CD-920-300 White P65 (3)	STD (1)
	300 kcmil	2-1/16					
SCT350-350	350 kcmil	2-13/16	—	CD-720-5 Red P71 (4)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)
	350 kcmil	2-1/16					
SCT500-4/0	500 kcmil	2-15/16	—	CD-720-7 Brown P87 (4)	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)
	4/0 AWG	2-15/16					
SCT500-500	500 kcmil	3-1/8	—	CD-720-7 Brown P87 (4)	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)
	500 kcmil	2-9/16					

①The CT-1700 crimp die pockets are integrated into the tool frame.  
 ③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.  
 ④Maximum size: 250 kcmil.  
 ⑤Maximum size: 600 kcmil.

- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>③</sup>, CT-2940/L<sup>③</sup>, CT-2940/LE<sup>③</sup>, CT-2940/ST<sup>③</sup>, CT-2940/STINT<sup>③</sup>, CT-2940/STUK<sup>③</sup>, CT-2940/STAUS<sup>③</sup>, CT-2940/TO<sup>③</sup>
- C** CT-980, CT-980CH, CT-2950<sup>④</sup>, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

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For use with  
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Conductors

## Installation Tooling and Die Selections for: Types SCT

Panduit Part Number	Thomas & Betts						Burndy			Anderson	Penn-Union	Greenlee
	TBM5	TBM8	TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8- 750M-1, TBM8-750, TBM8- 750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, Y750HS, Y750, BAT35, Y45, Y39BH, Y46, Y750- 2, BAT750, PAT750, Y750BH-2, Y750BH	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
<b>SCT2-2</b>	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
<b>SCT1/0-1/0</b>	Pink 42 (2)	Pink 43 (2)	Pink 42H② (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
<b>SCT2/0-2/0</b>	Black 45 (3)	Black 45 (3)	Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
<b>SCT4/0-1/0</b>	Pink 42 (3)	Pink 42 (3)	Pink 42 (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (2)	STD (1)	STD (1)
<b>SCT4/0-4/0</b>	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)	Purple 54H (4)	STD (2)	Purple 54H② (4)	4/0 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
<b>SCT250-250</b>	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
<b>SCT300-300</b>	—	White 66 (4)	White 66H② (4)	White 66H② (4)	STD (3)	White 66H② (4)	—	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
<b>SCT350-350</b>	—	Red 71 (4)	Red 71H② (4)	Red 71H② (4)	STD (3)	Red 71 (3)	—	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
<b>SCT500-4/0</b>	—	Brown 87 (4)	Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87 (3)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
	—	Purple 54 (4)	Olive 54 (4)	Olive 54H② (4)		Olive 54H② (3)	—	U28RT Purple 15 (3)				
<b>SCT500-500</b>	—	Brown 87 (4)	Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87H② (4)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)

②Half width dies.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

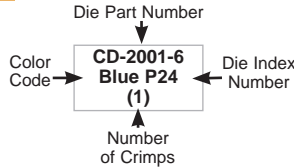
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**For use with  
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## Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

**How to read  
this chart**

For LCAX6 lug  
and CT-3001/ST  
crimping tool:



Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4)			
				CT-1700 <sup>①</sup>	A See Tool List Below	B See Tool List Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
				Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	#8 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1/2	Red P21 (2)	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	Std. (1)
			3/4	Red P21 (3)	CD-2001-8 Red P21 (2)		Std. (1)
LCBX8, LCCX8	#8 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	9/16	Blue P24 (2)	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)	Std. (1)
			1-1/8	Blue P24 (3)	CD-2001-6 Blue P24 (2)		Std. (1)
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	#6 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	5/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	Std. (1)
			1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)		Std. (1)
LCBX6, LCCX6	#6 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1-1/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	Std. (1)
			1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)		Std. (1)
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	#4 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1-1/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	Std. (1)
			1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)		Std. (1)
LCBX4, LCCX4	#4 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1-1/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	Std. (1)
			1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)		Std. (1)
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	#2 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	11/16	Brown P33 (2)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)	Std. (1)
			1-7/16	Brown P33 (3)	CD-2001-2 Brown P33 (2)		Std. (1)
LCBX2, LCCX2	#2 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	Std. (1)
			1-1/2	—	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	Std. (1)
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	#1 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	Std. (1)
			1-1/2	—	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	Std. (1)
LCBX1, LCCX1	#1 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	Std. (1)
			1-1/2	—	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	Std. (1)
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	1/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (1)	Std. (1)
			1-9/16	—	CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	Std. (1)
LCBX1/0, LCCX1/0	1/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (1)	Std. (1)
			1-9/16	—	CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	Std. (1)
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	2/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	7/8	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)	Std. (1)
			1-9/16	—	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	Std. (1)
LCBX2/0, LCCX2/0	2/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	7/8	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)	Std. (1)
			1-9/16	—	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	Std. (1)
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	3/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1	—	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	Std. (1)
			1-5/8	—	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	Std. (1)
LCBX3/0, LCCX3/0	3/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1	—	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	Std. (1)
			1-5/8	—	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	Std. (1)

①The CT-1700 crimp die pockets are integrated into the tool frame. ②CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ③Does not include class K flex conductor with Burndy tools. ④Does not include class M flex conductor with Thomas and Betts tools. ⑤Does not include class K and M flex conductor with Thomas and Betts tools. ⑥Does not include class K flex conductor with Thomas and Betts tools.

### A

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAU, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

### B

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAU, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940, CT-2940/L, CT-2940/LE, CT-2940/ST, CT-2940/STINT, CT-2940/STUK, CT-2940/STAU, CT-2940/TO

**Continues on next page**

For use with  
Copper  
Conductors

**Installation Tooling and Die Selections for:**  
Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

Panduit Part Number	Thomas & Betts						Burndy				
	TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46 <sup>®</sup> , Y750-2, Y750BH, BAT35-14V, BAT750-14V, PAT750-18V	MRC840	
	Die Part Number/Color Code and Die Index Number/(Number of Crimps)										
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	TBM12D-1 Red 21 (1)	13461 Red 21 (1)	13475 & 13477 Red 21 (1)	6TON21 Red 21 (1)	STD (1)	15520 Red 21 (1)	W8CRT Red 49 (1)	—	U8CRT Red 49 (1)	Red 49 (1)	
LCBX8, LCCX8	TBM12D-1 Red 21 (2)	13461 Red 21 (2)	13475 & 13477 Red 21 (2)	6TON21 Red 21 (2)	STD (2)	15520 Red 21 (2)	W8CRT Red 49 (2)	—	U8CRT Red 49 (2)	Red 49 (2)	
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	TBM12D-1 Blue 24 (1)	13461 Blue 24 (1)	13475 & 13477 Blue 24 (1)	6TON24 Blue 24 (1)	STD (1)	15522 Blue 24 (1)	W5CRT Blue 7 (1)	(1)	U5CRT Blue 7 (1)	Blue 7 (1)	
LCBX6, LCCX6	TBM12D-1 Blue 24 (2)	13461 Blue 24 (2)	13475 & 13477 Blue 24 (2)	6TON24 Blue 24 (2)	STD (2)	15522 Blue 24 (2)	W5CRT Blue 7 (2)	(2)	U5CRT Blue 7 (2)	Blue 7 (2)	
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	TBM12D-2 Gray 29 (1)	13461 Gray 29 (1)	13472 & 13476 Gray 29 (1)	6TON29 Gray 29 (1)	STD (1)	15527-CK Gray 29 (1)	W4CRT Gray 8 (1)	(1)	U4CRT Gray 8 (1)	—	
LCBX4, LCCX4	TBM12D-2 Gray 29 (3)	13461 Gray 29 (2)	13472 & 13476 Gray 29 (3)	6TON29 Gray 29 (2)	STD (3)	15527-CK Gray 29 (2)	W4CRT Gray 8 (2)	(2)	U4CRT Gray 8 (2)	—	
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	TBM12D-2 Brown 33 (1)	13461 Brown 33 (1)	13474 & 13477 Brown 33 (1)	6TON33 Brown 33 (1)	STD (1)	15528 Brown 33 (1)	W2CRT Brown 10 (1)	(1)	U2CRT Brown 10 (1)	—	
LCBX2, LCCX2	TBM12D-2 Brown 33 (3)	13461 Brown 33 (3)	13474 & 13477 Brown 33 (3)	6TON33 Brown 33 (2)	STD (3)	15528 Brown 33 (2)	W2CRT Brown 10 (2)	(2)	U2CRT Brown 10 (2)	—	
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	TBM12D-1 Green 37 (1)	13462 Green 37 (1)	13474 & 13477 Green 37 (1)	6TON37 Green 37 (1)	STD (1)	15513-CK Green 37 (1)	W1CRT-1 Green 11 (1)	(1)	U1CRT Green 11 (1)	—	
LCBX1, LCCX1	TBM12D-3 Green 37 (3)	13462 Green 37 (3)	13474 & 13477 Green 37 (3)	6TON37 Green 37 (2)	STD (3)	15513-CK Green 37 (2)	W1CRT-1 Green 11 (2)	(2)	U1CRT Green 11 (2)	—	
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	TBM12D-3 Pink 42 (1)	13462 Pink 42 (1)	13475 & 13477 Pink 42 (2)	6TON42 Pink 42 (2)	STD (1)	15508 Pink 42 (2)	W25RT Pink 12 (2)	(1)	U25RT Pink 12 (1)	—	
LCBX1/0, LCCX1/0	TBM12D-3 Pink 42 (3)	13462 Pink 42 (3)	13475 & 13477 Pink 42 (3)	6TON42 Pink 42 (3)	STD (3)	15508 Pink 42 (3)	W25RT Pink 12 (3)	(2)	U25RT Pink 12 (2)	—	
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	TBM12D-4 Blk/Gold 45 (1)	13462 Black 45 (2)	13474 & 13477 Black 45 (2)	6TON45 Black 45 (2)	STD (1)	15526 Black 45 (1)	W26RT Black 13 (2)	(1)	U26RT Black 13 (1)	—	
LCBX2/0, LCCX2/0	TBM12D-4 Blk/Gold 45 (3)	13462 Black 45 (4)	13474 & 13477 Black 45 (3)	6TON45 Black 45 (3)	STD (3)	15526 Black 45 (2)	W26RT Black 13 (3)	(2)	U26RT Black 13 (2)	—	
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	TBM12D-4 Org/Tan 50 (1)	13462 Orange 50 (2)	13474 & 13477 Orange 50 (2)	6TON50 Orange 50 (2)	STD (1)	15530 Orange 50 (2)	W27RT Orange 14 (2)	(1)	U27RT Orange 14 (1)	—	
LCBX3/0, LCCX3/0	TBM12D-4 Org/Tan 50 (3)	13462 Orange 50 (4)	13474 & 13477 Orange 50 (3)	6TON50 Orange 50 (3)	STD (3)	15530 Orange 50 (3)	W27RT Orange 14 (4)	(2)	U27RT Orange 14 (2)	—	

©Requires U die adapter.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

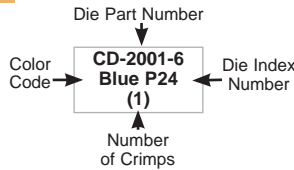
F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

**How to read  
this chart**

For LCAX6 lug  
and CT-3001/ST  
crimping tool:



**Panduit (See Compression Connector Tools Selection Guide, Pages E.4)**

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
				CT-1700 <sup>①</sup>	<b>A</b> See Tool List Below	<b>B</b> See Tool List Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO) <sup>②</sup>	1-1/16	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	Std. ( 1 )
LCBX4/0, LCCX4/0			2-5/16	—	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	250 kcmil	G, H, I, K, M	1-1/16	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	Std. ( 1 )
LCBX250, LCCX250	262.6 kcmil	Locomotive (DLO)	2-5/16	—	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	300 kcmil 313.1 kcmil	G, H, I, K, M Locomotive (DLO)	1-1/4	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)	Std. ( 1 )
LCBX300, LCCX300	300 kcmil 313.1 kcmil	G, H, I, K, M Locomotive (DLO)	2-3/8	—	CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (3)	
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	350 kcmil 373.7 kcmil	G, H, I, K, M Locomotive (DLO)	1-3/8	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)	Std. ( 1 )
LCBX350, LCCX350	350 kcmil 373.7 kcmil	G, H, I, K, M Locomotive (DLO)	2-9/16	—	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	450 kcmil 444.4 kcmil	G, H, I, K, M Locomotive (DLO)	1-7/16	—	—	CD-920-500 Brown P87 (2)	—
LCBX450, LCCX450	450 kcmil 444.4 kcmil	G, H, I, K, M Locomotive (DLO)	2-3/4	—	—	CD-920-500 Brown P87 (4)	—
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	500 kcmil	G, H, I, K, M	1-9/16	—	—	CD-920-500A Pink P99 (2)	—
LCBX500, LCCX500	535.3 kcmil	Locomotive (DLO)	2-15/16	—	—	CD-920-500A Pink P99 (4)	—
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	600 kcmil	G, H, I	1-9/16	—	—	CD-920-500A Pink P99 (2)	—
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	646.4 kcmil	Locomotive (DLO)	1-1/2	—	—	CD-940-750 <sup>④</sup> Black P106 (2)	—
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X <sup>④</sup> Yellow (2)	—

<sup>①</sup>The CT-1700 crimp die pockets are integrated into the tool frame. <sup>③</sup>CD-920 dies can be used with CT-940CH and CT-2940series tools with die adapter.

<sup>④</sup>CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. <sup>②</sup>Does not include class M flex conductor with Thomas and Betts tools.

**A**

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAU, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B**

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH<sup>③</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAU, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>③</sup>, CT-2940/L<sup>③</sup>, CT-2940/LE<sup>③</sup>, CT-2940/ST<sup>③</sup>, CT-2940/STINT<sup>③</sup>, CT-2940/STUK<sup>③</sup>, CT-2940/STAU<sup>③</sup>, CT-2940/TO<sup>③</sup>

For use with  
Copper  
Conductors

**Installation Tooling and Die Selections for:**  
Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

Panduit Part Number	Thomas & Betts						Burdny				
	TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8- 750, TBM8- 750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46 <sup>Ⓢ</sup> , Y750-2, Y750BH, BAT35-14V, BAT750-14V, Pat750-18V	MRC840	
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	TBM12D-5 Purp/Olive 54 (1)	—	—	6TON54 Purple 54 (2)	STD (1)	15511 Purple 54 (2)	W28RT Purple 15 (2)	(1)	U28RT Purple 15 (1)	—	
LCBX4/0, LCCX4/0	TBM12D-5 Purp/Olive 54 (4)	—	—	6TON54 Purple 54 (4)	STD (4)	15511 Purple 54 (4)	W28RT Purple 15 (4)	(3)	U28RT Purple 15 (3)	—	
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	TBM12D-5 Yellow 62 (1)	—	—	6TON62 Yellow 62 (2)	STD (1)	15510-CK Yellow 62 (1)	W29RT Yellow 16 (2)	(1)	U29RT Yellow 16 (1)	—	
LCBX250, LCCX250	TBM12D-5 Yellow 62 (3)	—	—	6TON62 Yellow 62 (4)	STD (4)	15510-CK Yellow 62 (2)	W29RT Yellow 16 (4)	(3)	U29RT Yellow 16 (3)	—	
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	TBM12D-4 Red 71H <sup>Ⓢ</sup> (2)	—	—	6TON71 Red 71H <sup>Ⓢ</sup> (2)	STD (2)	15514-CK Red 71H <sup>Ⓢ</sup> (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—	
LCBX300, LCCX300	TBM12D-4 Red 71H <sup>Ⓢ</sup> (4)	—	—	6TON71 Red 71H <sup>Ⓢ</sup> (4)	STD (4)	15514-CK Red 71H <sup>Ⓢ</sup> (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	—	
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	TBM12D-4 Blue 76H <sup>Ⓢ</sup> (2)	—	—	6TON76 Blue 76H <sup>Ⓢ</sup> (2)	STD (2)	15512 Blue 76H <sup>Ⓢ</sup> (2)	W32RT Blue 19 (2)	(1)	U32RT Blue 19 (2)	—	
LCBX350, LCCX350	TBM12D-4 Blue 76H <sup>Ⓢ</sup> (4)	—	—	6TON76 Blue 76H <sup>Ⓢ</sup> (4)	STD (4)	15512 Blue 76H <sup>Ⓢ</sup> (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	—	
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	TBM12D-3 Brown 87H <sup>Ⓢ</sup> (2)	—	—	6TON87 Brown 87H <sup>Ⓢ</sup> (2)	STD (2)	15506 Brown 87H <sup>Ⓢ</sup> (2)	—	(1)	U34RT Brown 20 (2)	—	
LCBX450, LCCX450	TBM12D-3 Brown 87H <sup>Ⓢ</sup> (4)	—	—	6TON87 Brown 87H <sup>Ⓢ</sup> (4)	STD (4)	15506 Brown 87H <sup>Ⓢ</sup> (4)	—	(4)	U34RT Brown 20 (4)	—	
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	TBM12D-2 Pink 99H <sup>Ⓢ</sup> (2)	—	—	—	STD (2)	15505 Pink 99H <sup>Ⓢ</sup> (2)	—	(1)	U38XRT Pink L99 (2)	—	
LCBX500, LCCX500	TBM12D-2 Pink 99H <sup>Ⓢ</sup> (4)	—	—	—	STD (4)	15505 Pink 99H <sup>Ⓢ</sup> (4)	—	(4)	U38XRT Pink L99 (4)	—	
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	TBM12D-2 Pink 99H <sup>Ⓢ</sup> (2)	—	—	—	STD (2)	15505 Pink 99H <sup>Ⓢ</sup> (2)	—	(1)	U38RT Pink 400 (2)	—	
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	TBM12D-2 Black 106H <sup>Ⓢ</sup> (2)	—	—	—	—	15515-CK Black 106H <sup>Ⓢ</sup> (2)	—	(1)	U39RT Black 24 (2)	—	
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	TBM12D-1 Yellow 115H <sup>Ⓢ</sup> (2)	—	—	—	—	15504 Yellow 115H <sup>Ⓢ</sup> (2)	—	(1)	U44XRT Yellow L115 (2)	—	

ⓈHalf width dies.  
ⓈRequires U die adapter.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index



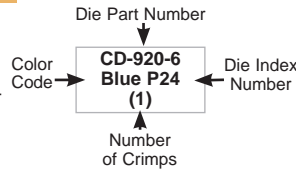
A.  
Cable  
Ties

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCAF, LCCF and SCSF

How to read  
this chart

For LCAF6 lug  
and CT-2931/ST  
crimping tool:



B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Panduit (See Compression Connector Tools Selection Guide,  
Pages E.4)

**A**

See Tool List Below

Die Part Number/Color Code and Die Index Number/(Number of Crimps)  
For LCAF, SCSF Parts For LCCF Parts

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (in.)	Die Part Number/Color Code and Die Index Number/(Number of Crimps)	
				For LCAF, SCSF Parts	For LCCF Parts
LCCF8 LCAF8	#8 AWG	Locomotive (DLO)	13/16	CD-920-8 Red P21 (1)	
SCSF8			11/16		
LCAF6 LCCF6 SCSF6	#6 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-6 Blue P24 (1)	CD-920-6 Blue P24 (2)
LCAF4 LCCF4 SCSF4	#4 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-4 Gray P29 (1)	CD-920-4 Gray P29 (2)
LCAF2 LCCF2 SCSF2	#2 AWG	K, M, Locomotive (DLO)	15/16 1-7/16 7/8	CD-920-2 Brown P33 (1)	CD-920-2 Brown P33 (2)
LCAF1 LCCF1 SCSF1	#1 AWG	K, M, Locomotive (DLO)	1 1-1/2 7/8	CD-920-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (2)
LCAF1/0 LCCF1/0 SCSF1/0	1/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16	CD-920-2/0 Black P45 (2)	
LCAF2/0 LCCF2/0 SCSF2/0	2/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16	CD-920-3/0 Orange P50 (2)	
LCAF3/0 LCCF3/0 SCSF3/0	3/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-5/8 1-3/16	CD-920-4/0 Purple P54 (2)	
LCAF4/0 LCCF4/0 SCSF4/0	4/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-11/16 1-3/16	CD-920-250 Yellow P62 (2)	

①CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

**A**

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940, CT-2940/L, CT-2940/LE, CT-2940/ST, CT-2940/STINT, CT-2940/STUK, CT-2940/STAUS, CT-2940/TO

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCAF, LCCF and SCSF

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4)	
				<b>A</b> See Tool List Below	
				Die Part Number/Color Code and Die Index Number/ (Number of Crimps)	
				For LCAF, SCSF Parts	For LCCF Parts
LCAF250	250 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-300	CD-920-300
LCCF250	262.6 kcmil		2-5/16	White P66	White P66
SCSF250			1-3/16	(2)	(3)
LCAF300	300 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-350	CD-920-350
LCCF300	313.1 kcmil		2-3/8	Red P71	Red P71
SCSF300			1-1/4	(2)	(3)
LCAF350	350 kcmil	K, M, Locomotive (DLO)	1-15/16	CD-920-400	CD-920-400
LCCF350	373.7 kcmil		2-9/16	Blue P76	Blue P76
SCSF350			1-1/2	(2)	(3)
LCAF400	400 kcmil	K, M, Locomotive (DLO)	2-1/4	CD-920-500	CD-920-500
LCCF400	444.4 kcmil		2-3/4	Brown P87	Brown P87
SCSF400			1-11/16	(2)	(3)
LCAF500	500 kcmil	K, M, Locomotive (DLO)	2-5/16	CD-920-500A	CD-920-500A
LCCF500	535.3 kcmil		2-15/16	Pink P99	Pink P99
SCSF500			1-5/8	(2)	(3)
LCAF600 <sup>③</sup>	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750	CD-920-750
LCCF600 <sup>③</sup>			3	Black P106	Black P106
SCSF600 <sup>③</sup>			1-5/8	(2)	(3)
LCAF750 <sup>③</sup>	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800 <sup>②</sup>	CD-940-800 <sup>②</sup>
LCCF750 <sup>③</sup>			3-1/16	Orange P107	Orange P107
SCSF750 <sup>③</sup>			1-5/8	(2)	(4)

①CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.  
 ②CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.  
 ③Can only be crimped with CT-940CH and CT-2940 tools.

**A** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH<sup>①</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>②</sup>, CT-2940/L<sup>②</sup>, CT-2940/LE<sup>②</sup>, CT-2940/ST<sup>②</sup>, CT-2940/STINT<sup>②</sup>, CT-2940/STUK<sup>②</sup>, CT-2940/ST AUS<sup>②</sup>, CT-2940/TO<sup>②</sup>

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types RSC In-Line Reducing Splice

**How to read  
this chart**  
For RSC4-6  
splice and  
CT-3001/ST  
crimping tool:



Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

①The CT-1700 crimp die pockets are integrated into the tool frame. ③Maximum conductor size: 500 kcmil class I and 750 kcmil class B, C, Compact.  
④CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ⑤CD-940 dies to be used with CT-940CH and CT-2940 series tools.

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types RSC In-Line Reducing Splice

**A**  
**B**

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

CT-920<sup>®</sup>, CT-920/CV<sup>®</sup>, CT-920CH<sup>®</sup>, CT-920CH/CV<sup>®</sup>, CT-920CH/CCP<sup>®</sup>, CT-930<sup>®</sup>, CT-930CH<sup>®</sup>, CT-940CH<sup>®</sup>, CT-2920<sup>®</sup>, CT-2920/CCP<sup>®</sup>, CT-2920/CCPINT<sup>®</sup>, CT-2920/CCPUK<sup>®</sup>, CT-2920/CCPAUS<sup>®</sup>, CT-2920/CCPTO<sup>®</sup>, CT-2930<sup>®</sup>, CT-2930/L<sup>®</sup>, CT-2930/LE<sup>®</sup>, CT-2931<sup>®</sup>, CT-2931/ST<sup>®</sup>, CT-2931/STINT<sup>®</sup>, CT-2931/STUK<sup>®</sup>, CT-2931/STAUS<sup>®</sup>, CT-2931/TO<sup>®</sup>, CT-2931/STCV<sup>®</sup>, CT-2931/STCVINT<sup>®</sup>, CT-2931/STCVUK<sup>®</sup>, CT-2931/STCVAUS<sup>®</sup>, CT-2931/CVTO<sup>®</sup>, CT-2940<sup>®</sup>, CT-2940/L<sup>®</sup>, CT-2940/LE<sup>®</sup>, CT-2940/ST<sup>®</sup>, CT-2940/STINT<sup>®</sup>, CT-2940/STUK<sup>®</sup>, CT-2940/STAUS<sup>®</sup>, CT-2940/TO<sup>®</sup>

Panduit (See Compression Connector Tools Selection Guide, Pages E.3 - E.4)								
Panduit Part Number	CT-1700 <sup>①</sup>		CT-720		A See Tool List Above		B See Tool List Above	
	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
	Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)							
RSC4-6	Gray P29 (2)	Blue P24 (2)	CD-720-1 Gray P29 (1)	CD-720-1 Blue P24 (1)	CD-2001-4 Gray P29 (1)	CD-2001-6 Blue P24 (1)	CD-920-4 Gray P29 (1)	CD-920-6 Blue P24 (1)
RSC2-6	Brown P33 (2)	Blue P24 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Blue P24 (1)	CD-2001-2 Brown P33 (1)	CD-2001-6 Blue P24 (1)	CD-920-2 Brown P33 (1)	CD-920-6 Blue P24 (1)
RSC2-4	Brown P33 (2)	Gray P29 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Gray P29 (1)	CD-2001-2 Brown P33 (1)	CD-2001-4 Gray P29 (1)	CD-920-2 Brown P33 (1)	CD-920-4 Gray P29 (1)
RSC1/0-6	—	—	CD-720-2 Pink P42 (1)	CD-720-1 Blue P24 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-6 Blue P24 (1)	CD-920-1/0 Pink P42 (1)	CD-920-6 Blue P24 (1)
RSC1/0-4	—	—	CD-720-2 Pink P42 (1)	CD-720-1 Gray P29 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-4 Gray P29 (1)	CD-920-1/0 Pink P42 (1)	CD-920-4 Gray P29 (1)
RSC2/0-6	—	—	CD-720-2 Black P45 (2)	CD-720-1 Blue P24 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-6 Blue P24 (1)	CD-920-2/0 Black P45 (1)	CD-920-6 Blue P24 (1)
RSC2/0-4	—	—	CD-720-2 Black P45 (2)	CD-720-1 Gray P29 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-4 Gray P29 (1)	CD-920-2/0 Black P45 (1)	CD-920-4 Gray P29 (1)
RSC4/0-6	—	—	CD-720-3 Purple P54 (2)	CD-720-1 Blue P24 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-6 Blue P24 (1)	CD-920-4/0 Purple P54 (1)	CD-920-6 Blue P24 (1)
RSC4/0-4	—	—	CD-720-3 Purple P54 (2)	CD-720-1 Gray P29 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-4 Gray P29 (1)	CD-920-4/0 Purple P54 (1)	CD-920-4 Gray P29 (1)
RSC4/0-1/0	—	—	CD-720-3 Purple P54 (2)	CD-720-2 Pink P42 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-4/0 Purple P54 (1)	CD-920-1/0 Pink P42 (2)
RSC4/0-2/0	—	—	CD-720-3 Purple P54 (2)	CD-720-2 Black P45 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-2/0 Black P45 (2)	CD-920-4/0 Purple P54 (1)	CD-920-2/0 Black P45 (2)
RSC500-X4/0	—	—	CD-720-7 Brown P87 (2)	CD-720-3 Yellow P62 (2)	CD-2001-500 Brown P87 (3)	CD-2001-250 Yellow P62 (2)	CD-920-500 Brown P87 (2)	CD-920-250 Yellow P62 (2)
RSC500-X350	—	—	CD-720-7 Brown P87 (2)	CD-720-6 Blue P76 (2)	CD-2001-500 Brown P87 (3)	CD-2001-400 Blue P76 (3)	CD-920-500 Brown P87 (2)	CD-920-400 Blue P76 (2)
RSC750-4/0	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-4/0 Purple P54 (1)
RSC750-X4/0	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-250 Yellow P62 (1)
RSC750-X350	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-400 Blue P76 (2)
RSC750-500	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-500 Brown P87 (2)
RSC750-X500	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-500A Pink P99 (2)
RSC750-750	—	—	—	—	—	—	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)	CD-920-750, CD-940-750 <sup>®</sup> Black P106 (2)
RSCX750-4/0	—	—	—	—	—	—	CD-940-750X <sup>®</sup> Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
RSCX750-750	—	—	—	—	—	—	CD-940-750X <sup>®</sup> Yellow P115 (2)	CD-940-750 <sup>®</sup> Black P106 (2)

①The CT-1700 crimp die pockets are integrated into the tool frame. ②Maximum conductor size: 500 kcmil class I and 750 kcmil class B, C, Compact.

③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ④CD-940 dies to be used with CT-940CH and CT-2940 series tools.

Continues on next page

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

For use with  
Copper  
Conductors

### Installation Tooling and Die Selections for: Types RSC In-Line Reducing Splice

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Panduit Part Number	Burdny					
	Y1MR, Y2MR		Y1MRTC		Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750-2, Y750BH-2, BAT35, BAT750, PAT644, PAT750	
	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)						
RSC4-6	Gray (2)	Blue (3)	White (2)	Blue (3)	U4CR Gray 8 (1)	U5CRT Blue 7 (1)
RSC2-6	Brown (2)	Blue (3)	Brown (2)	Blue (3)	U2CRT Brown 10 (1)	U5CRT Blue 7 (1)
RSC2-4	Brown (2)	Gray (3)	Brown (2)	White (3)	U2CRT Brown 10 (1)	U4CRT Gray 8 (1)
RSC1/0-6	—	—	—	—	U25RT Pink 12 (1)	U5CRT Blue 7 (1)
RSC1/0-4	—	—	—	—	U25RT Pink 12 (1)	U4CRT Gray 8 (1)
RSC2/0-6	—	—	—	—	U26RT Black 13 (1)	U5CRT Blue 7 (1)
RSC2/0-4	—	—	—	—	U26RT Black 13 (1)	U4CRT Gray 8 (1)
RSC4/0-6	—	—	—	—	U28RT Purple 15 (1)	U5CRT Blue 7 (1)
RSC4/0-4	—	—	—	—	U28RT Purple 15 (1)	U4CRT Gray 8 (1)
RSC4/0-1/0	—	—	—	—	U28RT Purple 15 (1)	U25RT Pink 12 (2)
RSC4/0-2/0	—	—	—	—	U28RT Purple 15 (1)	U26RT Black 13 (1)
RSC500-X4/0	—	—	—	—	U34RT Brown 20 (2)	U29RT Yellow 16 (1)
RSC500-X350	—	—	—	—	U34RT Brown 20 (2)	U32RT Blue 19 (2)
RSC750-4/0	—	—	—	—	U39RT Black 24 (3)	U28RT Purple 15 (1)
RSC750-X4/0	—	—	—	—	U39RT Black 24 (3)	U29RT Yellow 16 (1)
RSC750-X350	—	—	—	—	U39RT Black 24 (3)	U32RT Blue 19 (2)
RSC750-500	—	—	—	—	U39RT Black 24 (3)	U34RT Brown 20 (2)
RSC750-X500	—	—	—	—	U39RT Black 24 (3)	U38XRT Pink L99 (3)
RSC750-750	—	—	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)
RSCX750-4/0	—	—	—	—	—	—
RSCX750-750	—	—	—	—	—	—

②Half width dies.



For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types RSC In-Line Reducing Splice

Panduit Part Number	Thomas & Betts							
	TBM20S, TBM25S		TBM5, TBM6, TBM8		TBM12, 13642M		TBM14BSCR, BPLT14BSCR, 13100A, TBM14M	
	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)								
RSC4-6	Gray 29 (2)	Blue 24 (3)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)
RSC2-6	Brown 33 (2)	Blue 24 (3)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)
RSC2-4	Brown 33 (2)	Gray 29 (3)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)
RSC1/0-6	—	—	Pink 42 (1)	Blue 24 (1)	Pink 42 (1)	Blue 24 (1)	Pink 42H <sup>®</sup> (2)	Blue 24 (1)
RSC1/0-4	—	—	Pink 42 (1)	Gray 29 (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H <sup>®</sup> (2)	Gray 29 (1)
RSC2/0-6	—	—	Black 45 (2)	Blue 24(1)	Black/Gold 45 (1)	Blue 24 (1)	Black 45 (1)	Blue 24 (1)
RSC2/0-4	—	—	Black 45 (2)	Gray 29 (1)	Black/Gold 45 (1)	Gray 29 (1)	Black 45 (1)	Gray 29 (1)
RSC4/0-6	—	—	Purple 54 (2)	Blue 24 (1)	Purple/Olive 54 (1)	Blue 24 (1)	Olive 54H <sup>®</sup> (2)	Blue 24 (1)
RSC4/0-4	—	—	Purple 54 (2)	Gray 29 (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H <sup>®</sup> (2)	Gray 29 (1)
RSC4/0-1/0	—	—	Purple 54 (2)	Pink 42 (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H <sup>®</sup> (2)	Pink 42H <sup>®</sup> (4)
RSC4/0-2/0	—	—	Purple 54 (2)	Black 45 (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H <sup>®</sup> (2)	Black 45 (1)
RSC500-X4/0	—	—	—	—	Brown 87H <sup>®</sup> (2)	Yellow 62 (1)	Brown 87H <sup>®</sup> (2)	Yellow 62 (1)
RSC500-X350	—	—	—	—	Brown 87H <sup>®</sup> (2)	Blue 76H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)	Blue 76 (1)
RSC750-4/0	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Purple/Olive 54 (1)	Black 106H <sup>®</sup> (2)	Olive 54H <sup>®</sup> (2)
RSC750-X4/0	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Yellow 62 (1)	Black 106H <sup>®</sup> (2)	Yellow 62 (1)
RSC750-X350	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Blue 76H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Blue 76 (1)
RSC750-500	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Brown 87H <sup>®</sup> (2)
RSC750-X500	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Pink 99H (2)	Black 106H <sup>®</sup> (2)	Pink 99H (2)
RSC750-750	—	—	—	—	Black/Orange 106H <sup>®</sup> (2)	Black/Orange 106H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)	Black 106H <sup>®</sup> (2)
RSCX750-4/0	—	—	—	—	—	—	—	—
RSCX750-750	—	—	—	—	—	—	—	—

®Half width dies.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

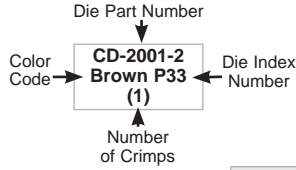
F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types PSC

How to read  
this chart

For PSCBRN-L  
parallel splice  
and CT-3001/ST  
crimping tool:



**Panduit Crimping Tool Part Number (See Compression Connector Tools Selection Guide, pages E.3)**

Panduit Splice Part Number	Wire Strip Length (In.)	A See Uni-Die™ Dieless Tools Below	B See Tool List Below	C See Tool List Below
		Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
PSCRED-L	7/16	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
PSCBLU-L	7/16	—	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
PSCGRY-L	7/16	(1)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
PSCBRN-L	11/16	(1)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
PSCGRN-L	11/16	(1)	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
PSCPNK-L	11/16	(1)	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)
PSCBLK-Q	7/8	(1)	CD-2001-2/0 Black P45 (1)	CD-920-2/0 Black P45 (1)
PSCORG-Q	7/8	(1)	CD-2001-3/0 Orange P50 (1)	CD-920-3/0 Orange P50 (1)
PSCPUR-Q	1	(1)	CD-2001-4/0 Purple P54 (1)	CD-920-4/0 Purple P54 (1)
PSCYEL-Q	1 1/16	(1)	CD-2001-250 Yellow P62 (1)	CD-920-250 Yellow P62 (1)

\*CD-920 dies can be used with CT-940CH and CT-2940 series tools with the die adapter.

**A** CT-980, CT-980CH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

**B** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**C** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH\*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940\*, CT-2940/L\*, CT-2940/LE\*, CT-2940/ST\*, CT-2940/STINT\*, CT-2940/STUK\*, CT-2940/STAUS\*, CT-2940/TO\*

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

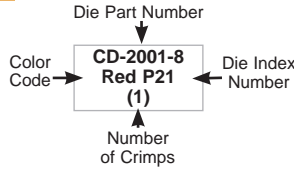
E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCMA, LCMD and SCMS

**How to read  
this chart**  
For LMCA16  
lug and  
CT-3001/ST  
crimping tool:



- A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/ST AUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
- B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH\*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCV AUS, CT-2931/CVTO, CT-2940\*, CT-2940/L\*, CT-2940/LE\*, CT-2940/ST\*, CT-2940/STINT\*, CT-2940/STUK\*, CT-2940/ST AUS\*, CT-2940/TO\*

**A.  
Cable  
Ties**

**B.  
Stainless  
Steel**

**C.  
Wiring  
Duct**

**D.  
Terminals  
and  
Reel  
Smart™  
System**

**E.  
Power  
Connectors  
and  
Grounding**

**F.  
Part  
Number  
Index**

Tool Chart for Metric Compression Connectors Types LCMA, LCMD, LCMDN and SCMS With Metric Class 2, 5 & 6 Copper Cable Panduit Tool Part Number (For Class 2 Wire) See Tool Selector Guide Pg. E.6						
CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	<b>A</b> See Tool List Above	<b>B</b> See Tool List Above Cembre Tool Part Number*** HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)	

Panduit Part No.	Wire Size & Class	Wire Strip Length (mm)	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)	
LCMA6 LCMD6	4 - 6mm <sup>2</sup> Class 2r	-	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-
LCMA10 LCMD10 SCMS10	10mm <sup>2</sup> Class 2r	- 16.5	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMA16 LCMD16 SCMS16	16mm <sup>2</sup> Class 2r	- 19.0	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMA25 LCMD25 SCMS25	25mm <sup>2</sup> Class 2r	- 19.5	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA35 LCMD35 SCMS35	35mm <sup>2</sup> Class 2r	- 19.5	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA50 LCMD50 SCMS50	50mm <sup>2</sup> Class 2r	- 26.0	-	-	-	-	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70 LCMD70 SCMS70	70mm <sup>2</sup> Class 2r	- 27.5	-	-	-	-	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMA95 LCMD95 SCMS95	95mm <sup>2</sup> Class 2r	- 28.5	-	-	-	-	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMA120 LCMD120 LCMDN120 SCMS120	120mm <sup>2</sup> Class 2r	- 30.0	-	-	-	-	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMA150 LCMD150 LCMDN150 SCMS150	150mm <sup>2</sup> Class 2r	- 30.0	-	-	-	-	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMA185 LCMD185 SCMS185	185mm <sup>2</sup> Class 2r	- 32.0	-	-	-	-	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240 LCMD240 SCMS240	240mm <sup>2</sup> Class 2r	- 37.5	-	-	-	-	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300 LCMD300 SCMS300	300mm <sup>2</sup> Class 2r	- 39.0	-	-	-	-	-	CD-920-600 Green P94 (2)
LCMAX300 LCMDX300 SCMSX300	-	- 49.0	-	-	-	-	-	-
LCMA400 LCMD400 SCMS400	400mm <sup>2</sup> Class 2r	- 49.0	-	-	-	-	-	CD-920-750 CD-940-750** Black P106 (2)
LCMA500 LCMD500 SCMS500	500mm <sup>2</sup> Class 2r	- 49.5	-	-	-	-	-	CD-940-1000** White P125 (3)
LCMA630 LCMD630 SCMS630	630mm <sup>2</sup> Class 2r	- 67.0	-	-	-	-	-	CD-940-1000** White P125 (4)
LCMA630 LCMD630	1000 kcmil Class G	-	-	-	-	-	-	CD-940-750A** Red P125 (1) CD-940-1000** White P125 (2)

\* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. \*\* CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.  
\*\*\* Cembre tools used with Panduit CD-920 dies. Maximum splice size with Cembre tools is SCMS185. ± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCMB and LCMC

Tool Chart for Compression Connectors Types LCMB & LCMC, With Metric Class 2, 5 & 6 Copper Cable	
Panduit Tool Part Number (For Class 2 Wire) See Tool Selector Guide Pg. E.6	
A See Tool List Below	B See Tool List Below
	Cembre Tool Part Number
	HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)

Panduit Part No.	Wire Size & Class	Wire Strip Length (mm)	Die Part Number Color & Die Index Number (Crimp Qty.)	
			A	B
LCMB10 LCMC10	10mm <sup>2</sup> Class 2r	25.6	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMB16 LCMC16	16mm <sup>2</sup> Class 2r	28.8	CD-2001-8 Red P21 (1)	CD-2001-8 Red P21 (1)
LCMB25 LCMC25	25mm <sup>2</sup> Class 2r	28.3	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMB35 LCMC35	35mm <sup>2</sup> Class 2r	34.4	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMB50 LCMC50	50mm <sup>2</sup> Class 2r	38.2	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMB70 LCMC70	70mm <sup>2</sup> Class 2r	39.6	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMB95 LCMC95	95mm <sup>2</sup> Class 2r	44.6	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMB120 LCMC120	120mm <sup>2</sup> Class 2r	41.3	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMB150 LCMC150	150mm <sup>2</sup> Class 2r	58.6	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMB185 LCMC185	185mm <sup>2</sup> Class 2r	57.9	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMB240 LCMC240	240mm <sup>2</sup> Class 2r	65.1	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMB300 LCMC300	300mm <sup>2</sup> Class 2r	70.0	-	CD-920-600 Green P94 (2)
LCMBX300 LCMCX300	-	74.6	-	-
LCMB400 LCMC400	400mm <sup>2</sup> Class 2r	66.8	-	CD-920-750 CD-940-750** Black P106 (2)
LCMB500 LCMC500	500mm <sup>2</sup> Class 2r	77.8	-	CD-940-1000** White P125 (3)
LCMB630 LCMC630	630mm <sup>2</sup> Class 2r	85.9	-	CD-940-1000** White P125 (4)
LCMB630 LCMC630	1000 kcmil Class G	85.9	-	CD-940-750A** Red P125 (1) CD-940-1000** White P125 (2)

\* CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

\*\* CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.

\*\*\* Cembre tools used with Panduit CD-920 and CDI-920 dies.

**A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH\*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940\*, CT-2940/L\*, CT-2940/LE\*, CT-2940/ST\*, CT-2940/STINT\*, CT-2940/STUK\*, CT-2940/STAUS\*, CT-2940/TO\*

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types LCMA, LCMD and SCMS

A.  
Cable  
Ties

**A** CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH\*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940\*, CT-2940/L\*, CT-2940/LE\*, CT-2940/ST\*, CT-2940/STINT\*, CT-2940/STUK\*, CT-2940/STAUS\*, CT-2940/TO\*

B.  
Stainless  
Steel

**Tool Chart for Metric Compression Connectors  
Types LCMA, LCMD and SCMS With Metric Class 2, 5 & 6 Copper Cable  
Panduit Tool Part Number (For Class 5 & 6 Wire) See Tool Selector Guide Pg. E.7**

Panduit Part No.	Wire Size & Class	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)		Cembre Tool Part Number***		
		CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	A See Tool List Above	B See Tool List Above	B See Tool List Above		
								Bottom Nest Die Part Number, Die Color, Index Number	Top Indenter Die Part Number, Die Index Number	Indenter (Crimp Qty.)
LCMA6 LCMD6	4 - 6mm <sup>2</sup> Class 5f Only	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-	-	-	-
LCMA10 LCMD10 SCMS10	-	-	-	-	-	-	-	-	-	-
LCMA16 LCMD16 SCMS16	10mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	CD-920-4 Gray P29	CDI-920-10 1	(1)
LCMA25 LCMD25 SCMS25	16mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-8 Red P21 (1) CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (1) CD-920-8 Red P21 (2)	CD-920-4 Gray P29	CDI-920-10 1	(1)
LCMA35 LCMD35 SCMS35	25mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	CD-920-1/0 Pink P42	CDI-920-24 2	(1)
LCMA50 LCMD50 SCMS50	35mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (2)	CD-920-3/0 Orange P50	CDI-920-24 2	(1)
LCMA70 LCMD70 SCMS70	50mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	CD-920-3/0 Orange P50	CDI-920-24 2	(1)
LCMA95 LCMD95 SCMS95	70mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	CD-920-250 Yellow P62	CDI-920-48 4	(1)
LCMA120 LCMD120 LCMDN120 SCMS120	95mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	CD-2001-3/0 Orange P50 (2) CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (2) CD-920-3/0 Orange P50 (3)	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA150 LCMD150 LCMDN150 SCMS150	120mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA185 LCMD185 SCMS185	150mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA240 LCMD240 SCMS240	185mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	-	-	CD-920-500 Brown P87	CDI-920-48 4	(1)
LCMA300 LCMD300 SCMS300	240mm <sup>2</sup> Class 5f Class 6f	-	-	-	-	-	-	CD-920-750 Black P106	CDI-920-60 6	(1)
LCMAX300 LCMDX300 SCMSX300	300mm <sup>2</sup> Class 5f Only	-	-	-	-	-	-	CD-920-300MX P32	CDI-920-60 6	(1)
LCMA400 LCMD400 SCMS400	-	-	-	-	-	-	-	-	-	-
LCMA500 LCMD500 SCMS500	-	-	-	-	-	-	-	-	-	-
LCMA630 LCMD630 SCMS630	-	-	-	-	-	-	-	-	-	-
LCMA630 LCMD630	-	-	-	-	-	-	-	-	-	-

\* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. \*\* CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.  
\*\*\* Cembre tools used with Panduit CD-920 dies. Maximum splice size with Cembre tools is SCMS185. ± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP



For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types LCMB and LCMC

Tool Chart for Compression Connectors Types LCMB & LCMC, With Metric Class 2, 5 & 6 Copper Cable		
Panduit Tool Part Number (For Class 5 & 6 Wire) See Tool Selector Guide Pg. E.7		
<b>A</b> See Tool List Below	<b>B</b> See Tool List Below	<b>B</b> See Tool List Below
	Cembre*** Tool Part Number	
	HT131-C, HT-131LN-C RHC 131LN, B 131-C B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)	HT131-C, HT-131LN-C, RHC 131LN B 131-C, B 131-C-KV, B 131LN-C B 131-UC, (14.6 Ton Hyd.)

Panduit Part No.	Wire Size & Class	Die Part Number Color & Die Index Number (Crimp Qty.)	Bottom Nest Die Part Part Number Die Color, Index Number	Top Indentor Die Part Number Die Index Number	Indenter (Crimps Per Connector)
LCMB10 LCMC10	-	-	-	-	-
LCMB16 LCMC16	10mm <sup>2</sup> Class 5f Class 6f	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	-	-
LCMB25 LCMC25	16mm <sup>2</sup> Class 5f Class 6f	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	-	-
LCMB35 LCMC35	25mm <sup>2</sup> Class 5f Class 6f	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	-	-
LCMB50 LCMC50	35mm <sup>2</sup> Class 5f Class 6f	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (2)	-	-
LCMB70 LCMC70	50mm <sup>2</sup> Class 5f Class 6f	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	-	-
LCMB95 LCMC95	70mm <sup>2</sup> Class 5f Class 6f	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	CD-920-250 Yellow P62	CDI-920-48 4 (1)
LCMB120 LCMC120	95mm <sup>2</sup> Class 5f Class 6f	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	CD-920-400 Blue P76	CDI-920-48 4 (1)
LCMB150 LCMC150	120mm <sup>2</sup> Class 5f Class 6f	-	-	CD-920-400 Blue P76	CDI-920-48 4 (1)
LCMB185 LCMC185	150mm <sup>2</sup> Class 5f Class 6f	-	-	CD-920-400 Blue P76	CDI-920-48 4 (1)
LCMB240 LCMC240	185mm <sup>2</sup> Class 5f Class 6f	-	-	CD-920-500 Brown P87	CDI-920-48 4 (1)
LCMB300 LCMC300	240mm <sup>2</sup> Class 5f Class 6f	-	-	CD-920-750 Black P106	CDI-920-60 6 (1)
LCMBX300 LCMCX300	300mm <sup>2</sup> Class 5f Only	-	-	CD-920-300MX P32	CDI-920-60 6 (1)
LCMB400 LCMC400	-	-	-	-	-
LCMB500 LCMC500	-	-	-	-	-
LCMB630 LCMC630	-	-	-	-	-
LCMB630 LCMC630	-	-	-	-	-

\* CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

\*\* CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.

\*\*\* Cembre tools used with Panduit CD-920 and CDI-920 dies.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

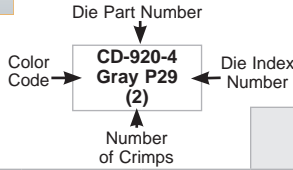
F.  
Part  
Number  
Index

For use with  
Copper or  
Aluminum  
Conductors

## Installation Tooling and Die Selections for: Types LAA, LAB and SA

A.  
Cable  
Ties

How to read  
this chart  
For LAA6 and  
CT-2931/ST  
crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages E.5)

Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.5)					CT-2920/CCP CT-2920/CCPINT CT-2920/CCPAUK CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die
			CT-1700 <sup>①</sup>	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	
Die Part Number/Color Code and Die Index Number/(Number Of Crimps)								
LAA6	#6 AWG	1	Gray P29 (5)	CD-720-1 Gray P29 (2)	KA4-6 Gray (2)	KA22-6 Gray (2)	CD-920-4 Gray P29 (2)	STD (1)
SA6		3/4						
LAA4	#4 AWG	1-1/16	Green P37 (5)	CD-720-2 Green P37 (2)	KA4-4 Green (2)	KA22-4 Green (2)	CD-920-1 Green P37 (2)	STD (1)
SA4		7/8						
LAA2	#2 AWG	1	—	CD-720-2 Pink P42 (2)	KA4-2 Pink (2)	KA22-2 Pink (2)	CD-920-1/0 Pink P42 (2)	STD (1)
SA2		7/16						
LAA1	#1 AWG	1	—	CD-720-2 Gold P45 (3)	KA4-1 Gold (3)	KA22-1 Gold (3)	CD-920-2/0 Gold P45 (2)	STD (1)
SA1		7/16						
LAA1/0	1/0 AWG	1-9/16	—	CD-720-2 Tan P50 (3)	KA4-1/0 Tan (3)	KA22-1/0 Tan (3)	CD-920-3/0 Tan P50 (2)	STD (1)
LAB1/0		1						
SA1/0		1						
LAA2/0	2/0 AWG	1-9/16	—	CD-720-3 Olive P54 (3)	KA4-2/0 Olive (3)	KA22-2/0 Olive (3)	CD-920-4/0 Olive P54 (2)	STD (1)
LAB2/0		1-1/8						
SA2/0		1-1/8						
LAA3/0	3/0 AWG	1-9/16	—	CD-720-3 Ruby P60 (4)	—	KA22-3/0 Ruby (3)	CD-920-250 Ruby P60 (2)	STD (1)
LAB3/0		1-1/4						
SA3/0		1-1/4						
LAA4/0	4/0 AWG	1-3/4	—	CD-720-4 White P66 (4)	—	KA22-4/0 White (4)	CD-920-300 White P66 (2)	STD (1)
LAB4/0		1-5/16						
SA4/0		1-5/16						
LAA250	250 kcmil	1-3/4	—	CD-720-5 Red P71 (4)	—	KA22-250 Red (4)	CD-920-350 Red P71 (2)	STD (1)
LAB250		1-7/16						
SA250		1-7/16						
LAA300	300 kcmil	2-5/16	—	CD-720-6 Blue P76 (4)	—	KA22-300 Blue (4)	CD-920-400 Blue P76 (2)	STD (1)
LAB300		1-1/2						
SA300		1-1/2						
LAA350	350 kcmil	2-5/16	—	CD-720-7 Brown P87 (4)	—	KA22-350 Brown (4)	CD-920-500 Brown P87 (2)	STD (1)
LAB350		1-5/8						
SA350		1-5/8						
LAA400	400 kcmil	2-9/16	—	—	—	—	CD-920-600 Green P94 (4)	STD (1)
LAB400		1-13/16						
SA400		1-13/16						
LAA500	500 kcmil	3-1/16	—	—	—	—	CD-920-500A Pink P99 (4)	STD (1)
LAB500		1-7/8						
SA500		1-7/8						
LAA600	600 kcmil	3-1/16	—	—	—	—	CD-920-750, CD-940-750 <sup>④</sup> Black P106 (4)	STD (2)
LAB600		2						
SA600		2						
LAA750	750 kcmil	3-7/16	—	—	—	—	CD-940-750A <sup>④</sup> Red P125 (4)	—
LAB750		2-1/4						
SA750		2-1/4						
LAA800	800 kcmil	3-7/16	—	—	—	—	CD-940-800A <sup>④</sup> Gray P140 (4)	—
LAB800		2-5/16						
SA800		2-5/16						
LAA1000	1000 kcmil	4-3/4	—	—	—	—	CD-940-1000A <sup>④</sup> Brown P161 (4)	—
LAB1000		2-9/16						
SA1000		2-9/16						

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools. \* Maximum size: 300 kcmil lugs and 2/0 splices.

**A**

CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPAUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B**

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPAUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>③</sup>, CT-2940/L<sup>③</sup>, CT-2940/LE<sup>③</sup>, CT-2940/ST<sup>③</sup>, CT-2940/STINT<sup>③</sup>, CT-2940/STUK<sup>③</sup>, CT-2940/STAUS<sup>③</sup>, CT-2940/TO<sup>③</sup>

F.  
Part  
Number  
Index

For use with  
Copper or  
Aluminum  
Conductors

## Installation Tooling and Die Selections for: Types LAA, LAB and SA

**C**

CT-980, CT-980CH, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/ST AUS, CT-2980/TO, CT-2981.

Panduit Part Number	Panduit (See Compression Connector Tools Selection Guide, Pages E.5)		Thomas & Betts			Burndy				Anderson
	<b>C</b> See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool	TBM5	TBM8	TBM15, TMB15I, TBMISBSCR	MY29	Y35	Y39	Y45,Y46	VC8
L = Lug S = Splice	Die Part Number/Color Code and Die Index Number/(Number Of Crimps)									
LAA6	—	STD (1)	Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	6AL (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	STD (1)
SA6										
LAA4	STD (1)	STD (1)	Green 37 (2)	Green 37 (2)	Green 37 (2)	4AL (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	STD (1)
SA4										
LAA2	STD (1)	STD (1)	Pink 42 (3)	Pink 42 (3)	Pink 42 (2)	2AL (1)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	STD (1)
SA2										
LAA1	STD (1)	STD (1)	Gold 45 (3)	Gold 45 (3)	Gold 45 (2)	1AL (1)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	STD (1)
SA1										
LAA1/0	STD (2)	STD (1)	Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0AL (1)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	STD (2)
LAB1/0										
SA1/0										
LAA2/0	STD (2)	STD (1)	Olive 54 (3)	Olive 54 (3)	Olive 54 (3)	2/0AL (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	STD (2)
LAB2/0										
SA2/0										
LAA3/0	STD (2)	STD (1)	Ruby 60 (4)	Ruby 60 (4)	Ruby 60 (2)	3/0AL (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	STD (2)
LAB3/0										
SA3/0										
LAA4/0	STD (2)	STD (1)	—	White 66 (4)	White 66 (2)	4/0AL (2)	U28ART White 298 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (2)
LAB4/0										
SA4/0										
LAA250	STD (2)	STD (1)	—	Red 71 (4)	Red 71H <sup>Ⓜ</sup> (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
LAB250										
SA250										
LAA300	STD (2)	STD (1)	—	Blue 76 (4)	Blue 76 (2)	—	U30ART Blue 470 (2)	U30ART Blue 470 (2)	U30ART Blue 470 (2)	STD (2)
LAB300										
SA300										
LAA350	STD (2)	STD (1)	—	Brown 87 (4)	Brown 87H <sup>Ⓜ</sup> (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
LAB350										
SA350										
LAA400	STD (2)	—	—	—	Green 94H <sup>Ⓜ</sup> (4)	—	U32ART Green 472 (4)	U32ART Green 472 (4)	U32ART Green 472 (4)	—
LAB400										
SA400										
LAA500	STD (3)	—	—	—	Pink 99H <sup>Ⓜ</sup> (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
LAB500										
SA500										
LAA600	—	—	—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	U36ART Black 473 (4)	—
LAB600										
SA600										
LAA750	—	—	—	—	Yellow 115H <sup>Ⓜ</sup> (4)	—	—	S39ART Red 301 (4)	S39ART Red 301 (4)	—
LAB750										
SA750										
LAA800	—	—	—	—	125H <sup>Ⓜ</sup> (4)	—	—	Gray 474 (4)	Gray 474 (4)	—
LAB800										
SA800										
LAA1000	—	—	—	—	161 (5)	—	—	S44ART Brown 302 (4)	S44ART Brown 302 (4)	—
LAB1000										
SA1000										

ⓂHalf width dies.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

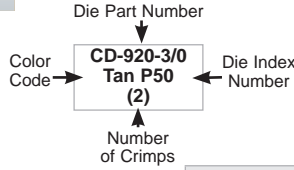
A.  
Cable  
Ties

For use with  
Copper or  
Aluminum  
Conductors

## Installation Tooling and Die Selections for: Types BPC

### How to read this chart

For BPC6  
connector and  
CT-2931/ST  
crimping tool:



B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

Panduit Part Number	Standard Wire Size	Wire Strip Length (In.)	Panduit		Thomas & Betts			Burdny	
			CT-720	<b>A</b> See Tool List Below	13642M	TBM8	TBM15, TBM15I, TBM15BSCR	Y35, BAT35	Y39, Y45, Y46, Y39BH
			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)						
<b>BPC6</b>	#6 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
<b>BPC4</b>	#4 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
<b>BPC2</b>	#2 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
<b>BPC1</b>	#1 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
<b>BPC1/0</b>	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
<b>BPC2/0</b>	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
<b>BPC3/0</b>	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
<b>BPC4/0</b>	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H <sup>①</sup> (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
<b>BPC250</b>	250 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
<b>BPC300</b>	300 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
<b>BPC350</b>	350 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H <sup>①</sup> (2)	Brown 87 (3)	Brown 87H <sup>①</sup> (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
<b>BPC400</b>	400 kcmil	1-7/16	—	CD-920-750, CD-940-750 <sup>③</sup> Black P106 (2)	Black 106H <sup>①</sup> (3)	—	Black 106H <sup>①</sup> (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
<b>BPC500</b>	500 kcmil	1-7/16	—	CD-920-750, CD-940-750 <sup>③</sup> Black P106 (2)	Black 106H <sup>①</sup> (3)	—	Black 106H <sup>①</sup> (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
<b>BPC600</b>	600 kcmil	1-15/16	—	CD-940-750A <sup>③</sup> Red P125 (2)	Yellow 115H <sup>①</sup> (3)	—	Yellow 115H <sup>①</sup> (3)	—	U39ART-2 Yellow 936 (3)
<b>BPC750</b>	750 kcmil	1-15/16	—	CD-940-750A <sup>③</sup> Red P125 (2)	Yellow 115H <sup>①</sup> (3)	—	Yellow 115H <sup>①</sup> (3)	—	U39ART-2 Yellow 936 (3)

①Half width dies. ②CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.  
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

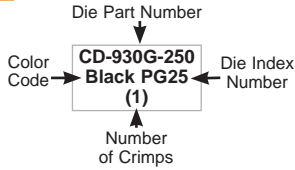
### A

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH<sup>②</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>②</sup>, CT-2940/L<sup>②</sup>, CT-2940/LE<sup>②</sup>, CT-2940/ST<sup>②</sup>, CT-2940/STINT<sup>②</sup>, CT-2940/STUK<sup>②</sup>, CT-2940/STAUS<sup>②</sup>, CT-2940/TO<sup>②</sup>

**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for: Types GCE, GCC and GPC

**How to read  
this chart**  
For  
GCE250-1/0 lug  
and CT-2931/ST  
crimping tool:



Installation Tools		
12 TON	14 TON	15 TON
<b>Panduit</b>		
<b>A</b> See Tool List Below	CT-930 CT-930CH CT-2930 CT-2930/L CT-2930/LE	<b>B</b> See Tool List Below
<b>Burndy</b>		
Y750, Y750-2, Y750BH, Y750BH-2, BAT750-14V, PAT750-18V, PAT750C-18V, PAT750XT-18V, PAT750CXT-18V, LPHY750		Y46, Y46C, LPHY46
<b>Thomas &amp; Betts</b>		
	TBM14M, TBM14MC, 13100A, TBM14RH, TBM14BSCR, BPLT14BSCRI	TBM15 TBM15BSCR

Panduit Part Number	Element	Copper Conductor Size Range	Ground Rod Size (In.)	Rebar Size (In.)	Panduit Crimp Die Part Number/Color Code/Die Index Number/(Number of Crimps)
GCE1/0-1/0	Main	#6 AWG SOL – 1/0 AWG STR	—	—	CD-930G-1/0 Red PG10 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X61/0-1/0	A	#6 AWG SOL – 1/0 AWG STR	—	—	CD-930G-250 Black PG25 (1)
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE250-1/0	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-250 Black PG25 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X6250-1/0	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-250 Black PG25 (1)
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE250-250	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-500 Blue PG50 (1)
	Tap	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
GCC6X6250-250	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-500 Blue PG50 (1)
	B	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
GPC4H250-2		#2 AWG SOL – 250 kcmil	—	—	
GCE500-1/0	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X6500-1/0	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE500-250	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	Tap	1/0 AWG SOL – 250 kcmil	—	—	
GCC6X6500-250	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	B	#2 AWG SOL – 250 kcmil	—	—	

15 ton tools require the die adapter when used with CD-930G series crimping dies.  
Panduit crimping dies must be used with all tooling (Panduit and competitor).

① Maximum size connector used with this tool is GCE1/0-1/0 and GCC6x61/0-1/0, GPC4H connector not used with this tool.

**A** CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-2920, ①CT-2920/CCP, ①CT-2920/CCPINT, ①CT-2920/CCPUK, ①CT-2920/CCPAUS, ①CT-2920/CCPTO, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO.

**B** CT-940CH③, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
System

E.  
Power  
Connectors  
and  
Grounding

F.  
Part  
Number  
Index

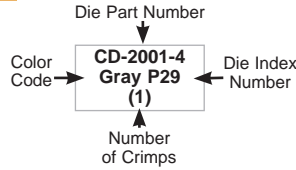


**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for:

### Types CTAPF

**How to read  
this chart**  
For CTAPF6-  
12 tap and  
CT-3001/ST  
crimping tool:



Panduit Part Number	Stranded Wire Size		Panduit			
	Main	Tap	1700 <sup>①</sup>	<b>B</b> See Tool List Below	<b>A</b> See Tool List Below	
			Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
<b>CTAPF10-16</b>	#14 AWG	#16 – #14 AWG	Red P21 (2)	—	—	CD-2001-8 Red P21 (1)
	#12 AWG	#16 – #12 AWG				
	#10 AWG	#14 AWG				
<b>CTAPF8-12</b>	#10 AWG	#10 AWG	Blue P24 (2)	—	—	CD-2001-6 Blue P24 (1)
	#8 AWG	#12 AWG				
<b>CTAPF6-12</b>	#8 AWG	#8 – #12 AWG	Gray P29 (2)	—	—	CD-2001-4 Gray P29 (1)
	#6 AWG	#12 – #10 AWG				
<b>CTAPF4-12</b>	#6 AWG	#8 – #6 AWG	Brown P33 (4)	CDM-920-2 Brown P33M (1)	CDM-2001-2 Brown P33M (1)	CD-2001-2 Brown P33 (2)
	#5, #4 AWG	#12 – #8 AWG				
<b>CTAPF3-12</b>	#5, #4 AWG	#6 – #5 AWG	Green P37 (4)	CDM-920-1 Green P37M (1)	CDM-2001-1 Green P37M (1)	CD-2001-1 Green P37 (2)
	#3 AWG	#12 – #6 AWG				
<b>CTAPF2-12</b>	#4 AWG	#4 AWG	—	CDM-920-1/0 Pink P42M (1)	CDM-2001-1/0 Pink P42M (1)	CD-2001-1/0 Pink P42 (2)
	#3 AWG	#5 AWG				
	#2 AWG	#12 – #6 AWG				
<b>CTAPF1-12</b>	#3 AWG	#4 – #3 AWG	—	CDM-920-2/0 Black P45M (1)	CDM-2001-2/0 Black P45M (2)	CD-2001-2/0 Black P45 (3)
	#2 AWG	#5 – #4 AWG				
	#1 AWG	#12 – #5 AWG				
<b>CTAPF1/0-12</b>	#2 AWG	#4 – #2 AWG	—	CDM-920-3/0 Orange P50M (1)	CDM-2001-3/0 Orange P50M (2)	CD-2001-3/0 Orange P50 (3)
	#1 AWG	#4 – #3 AWG				
	1/0 AWG	#12 – #4 AWG				
<b>CTAPF2/0-12</b>	#1 AWG	#2 – #1 AWG	—	CDM-920-4/0 Purple P54M (1)	—	CD-2001-4/0 Purple P54 (3)
	1/0 AWG	#3 – #2 AWG				
	2/0 AWG	#12 – #3 AWG				
<b>CTAPF3/0-12</b>	1/0 AWG	#1 – 1/0 AWG	—	CDM-920-250 Yellow P62M (1)	—	CD-2001-250 Yellow P62 (3)
	2/0 AWG	#2 – #1 AWG				
	3/0 AWG	#12 – #2 AWG				

①The CT-1700 crimp die pockets are integrated into the tool frame.

②CDM-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

## A

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAU, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

## B

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH<sup>②</sup>, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAU, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940<sup>②</sup>, CT-2940/L<sup>②</sup>, CT-2940/LE<sup>②</sup>, CT-2940/ST<sup>②</sup>, CT-2940/STINT<sup>②</sup>, CT-2940/STUK<sup>②</sup>, CT-2940/STAU<sup>②</sup>, CT-2940/TO<sup>②</sup>

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
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E.  
Power  
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For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for: Types CTAPF (continued)

Panduit Part Number	Burndy		Thomas & Betts
	Y35, Y39, Y45, Y46, Y750BH-2 Y750, BAT35, BAT750, Y35BH, Y39BH, Y750BH, Y750HS, PAT750, Y750-2	Y500CT-HS, BCT500-HS, BCT500, Y500CT	TBM8-750, TBM8-750M-1, TBM8-750BSCR
	Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
CTAPF10-16	—	—	—
CTAPF8-12	—	—	—
CTAPF6-12	—	—	—
CTAPF4-12	UC4 Brown 10M (1)	WC4 Brown 10M (1)	TBM8-750C20 (1)
CTAPF3-12	—	—	TBM8-750C2530 (1)
CTAPF2-12	UC2 Pink 12M (1)	WC2 Pink 12M (1)	TBM8-750C2530 (1)
CTAPF1-12	UC1 Black 13M (1)	WC1 Black 13M (2)	TBM8-750C3540 (1)
CTAPF1/0-12	UC25 Orange 14M (1)	WC25 Orange 14M (2)	TBM8-750C3540 (1)
CTAPF2/0-12	—	—	TBM8-750C4550 (1)
CTAPF3/0-12	—	—	TBM8-750C4550 (1)

①The CT-1700 crimp die pockets are integrated into the tool frame.  
②CDM-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

A.  
Cable  
Ties

B.  
Stainless  
Steel

C.  
Wiring  
Duct

D.  
Terminals  
and  
Reel  
Smart™  
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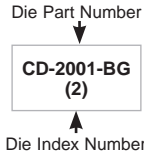
A.  
Cable  
Ties

For use with  
Copper  
Conductors

## Installation Tooling and Die Selections for:

### Types CTAP

How to read  
this chart  
For CTAPF4-  
6 tap and  
CT-3001/ST  
crimping tool:



B.  
Stainless  
Steel

Panduit Part Number	Conductor Size		Wire Strip Length (In.)	Panduit		Burdny	
	Main	Tap		B See Tool List Below	A See Tool List Below	MD6, MD7	BAT35, BAT750, PAT750, Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750BH
CTAP4-8	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP4-6	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (2)	W-BG (1) BG (2)	U-BG (1)
CTAP4-4	#4 AWG SOL or STR	#4 AWG STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP2-4	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2-2	#2 AWG SOL or STR	#2 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2/0-2	1/0 – 2/0 AWG	#8 – #2 AWG SOL or STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP2/0-2/0	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP4/0-2	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-2/0	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-4/0	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)

①CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

**A**

CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/ST AUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

**B**

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/ST AUS①, CT-2940/TO①

E.  
Power  
Connectors  
and  
Grounding

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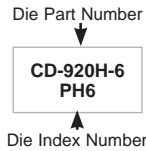
**For use with  
Copper  
Conductors**

## Installation Tooling and Die Selections for:

### Types HTCT

How to read  
this chart

For HTCT6X tap  
and CT-2931/ST  
crimping tool:



Installation Tools		
15 TON	14 TON	12 TON
<b>Panduit</b>		
<b>A</b> See Tool List Below	<b>B</b> See Tool List Below	<b>C</b> See Tool List Below
<b>Burndy</b>		
Y46 <sup>ⓐ</sup> , Y46C <sup>ⓐ</sup>	—	Y35, Y35-2, Y35BH, Y35BH-4, Y750, Y39, Y39BH, Y750-2, Y750BH, Y750BH-2, Y750HS, BAT35, BAT750, BAT750C, PAT750, PAT750C
<b>Thomas &amp; Betts</b>		
TBM15I, TBM15BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	—

Panduit Part Number	Copper Conductor Sizes (Code Cable)				Copper Conductor Sizes (Flex Cable) Types G, H, I, K, M and Locomotive (DLO)				Crimp Die Color Code	Panduit Crimp Die Part Number/Die Index Number (Number of Crimps = 1)		
	Run	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3				
HTCT6X-6X	#6-#14 AWG	#6-#14 AWG	—	—	#6-#10 AWG	#6-#14 AWG	—	—	Orange	CD-920H-6 PH6	CD-920H-6 PH6	CD-920H-6 PH6
HTCT2-2	#2-#6 AWG	#2-#6 AWG	#8-#14 AWG	#8-#14 AWG	#2-#8 AWG	#2-#8 AWG	#8-#14 AWG	#8-#14 AWG	Brown	CD-920H-2 PH2	CD-920H-2 PH2	CD-920H-2 PH2
HTCT250-2	250 kcmil -#2 AWG	#2-#6 AWG	#8-#14 AWG	—	4/0-#2 AWG	#2-#8 AWG	#8-#14 AWG	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25
HTCT250-250	250 kcmil -#2 AWG	250 kcmil -#2 AWG	—	—	4/0-#2 AWG	4/0-#2 AWG	—	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25

<sup>ⓐ</sup>CD-920H and CD-930H dies can be used with CT-940CH and CT-2940 series Panduit tools and Y46 and Y46C Burndy tools with die adapter.

<sup>ⓑ</sup> Maximum size connector that can be used with this tool is HTCT250-2-1

Panduit crimping dies must be used with all tooling (Panduit and competitor) to maintain UL/CSA certifications for applications up to 600 V.

**A**  
**B**  
**C**

CT-940CH<sup>ⓐ</sup>, CT-2940<sup>ⓐ</sup>, CT-2940/L<sup>ⓐ</sup>, CT-2940/LE<sup>ⓐ</sup>, CT-2940/ST<sup>ⓐ</sup>, CT-2940/STINT<sup>ⓐ</sup>, CT-2940/STUK<sup>ⓐ</sup>, CT-2940/STAUS<sup>ⓐ</sup>, CT-2940/TO<sup>ⓐ</sup>

CT-930, CT-930CH, CT-2930, CT-2930/L, CT2930/LE

CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-2920, <sup>ⓐ</sup>CT-2920/CCP, <sup>ⓐ</sup>CT-2920/CCPINT, <sup>ⓐ</sup>CT-2920/CCPUK, <sup>ⓐ</sup>CT-2920/CCPAUS, <sup>ⓐ</sup>CT-2920/CCPTO, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO

A.  
Cable  
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