

**Datasheet**

Art.No. 58.503.0055.5

Feed-through terminal WT 2,5 RT

Feed-through DIN rail terminal block with screw connection for mounting on TS 35; nominal cross section 2,5 mm<sup>2</sup>; width 5 mm; color red



Art.No.	58.503.0055.5
EAN	4049088172748
Order unit	100 pieces

**Approvals**



**Technical data**

**General**

Nominal cross section	2.5 mm <sup>2</sup>
Colour	Red
Number of levels	1
Number of clamp positions per level	2
Width/grid dimension	5 mm
Insulating housing	PA666
Inflammability class of insulation material acc. with UL94	V0
Explosion-tested version "Ex e"	Yes
Mounting method	DIN rail (top hat rail)
Terminal blocks for electrical installations	Yes

**Technical data**

Rated current	24 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Closing plate required	Yes
Type of insulation material	Thermoplastic
Length	48 mm
Width	5 mm
Height	48 mm

## Connection Data

Connection type 1	Screw connection
Connection type 2	Screw connection
Minimum cross section solid	0.14 mm <sup>2</sup>
Maximum cross section solid	4 mm <sup>2</sup>
Minimum cross section fine stranded	0.14 mm <sup>2</sup>
Maximum cross section fine stranded	4 mm <sup>2</sup>
Maximum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm <sup>2</sup>
Maximum conductor cross section (flex., stranded) with cable end sleeve	2.5 mm <sup>2</sup>
Wire strip length	9 mm
Torque conductor mounting	0.4 Nm

## Technical Data UL/CSA

Cross section UL	26-12 AWG
Voltage UL	600 V
Current factory wiring	20 A
Current field wiring	20 A
Cross section CSA	26-12 AWG
Voltage CSA	600 V
Current CSA	20 A

## Classification

ECLASS 8.1	27141120: Feed-through terminal block
ETIM 5.0	EC000897: Feed-through terminal block
ETIM 4.0	EC000897: Feed-through terminal block
ETIM 3.0	EC000897: Feed-through terminal block

## Accessories / components

Art.No.:	Type:	Description
04.344.1455.8	Warning cover AD WT 2,5	Cover with warning symbol for DIN rail terminal blocks type WT 2,5, color yellow
07.313.2555.0	End plate AP WT 2,5-10 GR	End plate for DIN rail terminal block type WT 2,5 - WT 10, color gray
07.313.2655.0	Partition TW WT 2,5-10 GR	Partition plate for DIN rail terminal block type WT 2,5 - WT 10, color gray
98.300.0000.0	Mounting rail TS 35x7,5 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.300.1000.0	Mounting rail TS 35x7,5 PERF 15mm - l:2000mm	Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.300.1900.0	Mounting rail TS 35x7,5 PERF 25mm - l:2000mm	Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.360.0000.0	Mounting rail TS 35x15-2,3 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.360.0004.0	Mounting rail TS 35x15-2,3 UNPERF FZN - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel, hot galvanized
98.370.0000.0	Mounting rail TS 35x15 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.370.1000.0	Mounting rail TS 35x15 PERF 15mm - l:2000mm	Mounting rail TS 35, slotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.380.0000.0	Mounting rail TS 35x15-2,3 UNPERF CU - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material E copper
Z1.299.9753.0	Test plug PS WKC/F OB	Modular test plug for DIN rail terminal blocks type WKF and WKC
Z5.522.7453.0	End bracket 9708 / S35	End clamp for mounting rail TS 35
Z5.522.8553.0	End bracket 9708 / 2 S 35	End clamp for mounting rail TS 35
Z5.523.5653.0	End bracket WE 2/U	End clamp for mounting rail TS 35 and TS 32

Z5.523.5753.0	End bracket WE 1/U	End clamp for mounting rail TS 35 and TS 32
Z5.523.9353.0	End bracket WEF 1/35	End clamp, schraubenlos for mounting rail TS 35
Z7.280.6227.0	Jumper bar IVBWK 2,5 - 2	Cross connector, insulated for DIN rail terminal blocks type WKF..., 2 -pole
Z7.280.6327.0	Jumper bar IVBWK 2,5 - 3	Cross connector, insulated for DIN rail terminal blocks type WKF..., 3 -pole
Z7.280.6427.0	Jumper bar IVBWK 2,5 - 4	Cross connector, insulated for DIN rail terminal blocks type WKF..., 4 -pole
Z7.280.6527.0	Jumper bar IVBWK 2,5 - 5	Cross connector, insulated for DIN rail terminal blocks type WKF..., 5 -pole
Z7.280.6627.0	Jumper bar IVBWK 2,5 - 6	Cross connector, insulated for DIN rail terminal blocks type WKF..., 6 -pole
Z7.280.6727.0	Jumper bar IVBWK 2,5 - 7	Cross connector, insulated for DIN rail terminal blocks type WKF..., 7 -pole
Z7.280.6827.0	Jumper bar IVBWK 2,5 - 8	Cross connector, insulated for DIN rail terminal blocks type WKF..., 8 -pole
Z7.280.6927.0	Jumper bar IVBWK 2,5 - 9	Cross connector, insulated for DIN rail terminal blocks type WKF..., 9 -pole
Z7.280.7027.0	Jumper bar IVBWK 2,5 - 10	Cross connector, insulated for DIN rail terminal blocks type WKF..., 10 -pole

Drawings

**Hutschiene EN 60715-35x7,5**  
*mounting rail EN 60715-35x7,5*  
**Hutschiene EN 60715-35x15**  
*mounting rail EN 60715-35x15*

56, 48, 4.8, 4.4, 4.2, 2

M/scale 1:1

Teil-Nr./part no.	Farbe/color	Typ/type
58.503.0055.0	graugrey	WT 2,5
58.503.0055.1	schwarz/black	WT 2,5 SW
58.503.0055.2	weiß/white	WT 2,5 WS
58.503.0055.3	schiefergrau/slate grey	WT 2,5 GR
58.503.0055.4	braun/brown	WT 2,5 BR
58.503.0055.5	rot/red	WT 2,5 RT
58.503.0055.6	blau/blue	WT 2,5 BL
58.503.0055.7	grün/green	WT 2,5 GN
58.503.0055.8	gelb/yellow	WT 2,5 GE
58.503.0055.9	orange/orange	WT 2,5 OR

Weitere Daten siehe KATALOG oder eKATALOG [www.wieland-electric.com](http://www.wieland-electric.com)  
 additional data see CATALOG or eCATALOG [eshop.wieland-electric.com](http://eshop.wieland-electric.com)

Zeichnung nach IEC 60617-1 Drawing according to IEC 60617-1	Maßstab 1:1 Scale 1:1	Blatt 1 von 1 Sheet 1 of 1
Material / Material WT 2,5	Farbe / Color T 58.503.0055.0 01K	Zeichnung für / Drawing for a
Hersteller / Manufacturer Wieland	www.wieland-electric.com	Zeichnung in der / Drawing size in mm 1000

Schmitt\_58\_503\_055\_01K-A4-dwg | \_man\_3\_CADW032\_SperrM: 2017-03-31 10:08:42 1.000