

Datasheet

Art.No. 58.503.0055.8

Feed-through terminal WT 2,5 GE

Feed-through DIN rail terminal block with screw connection for mounting on TS 35; nominal cross section 2,5 mm²; width 5 mm; color yellow



| | |
|------------|---------------|
| Art.No. | 58.503.0055.8 |
| EAN | 4049088172762 |
| Order unit | 100 pieces |

Approvals



Technical data

General

| | |
|--|-------------------------|
| Nominal cross section | 2.5 mm ² |
| Colour | Yellow |
| 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

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|---|----------------------|
| Connection type 1 | Screw connection |
| Connection type 2 | Screw connection |
| Minimum cross section solid | 0.14 mm ² |
| Maximum cross section solid | 4 mm ² |
| Minimum cross section fine stranded | 0.14 mm ² |
| Maximum cross section fine stranded | 4 mm ² |
| Maximum conductor cross section (flex., stranded) with cable end sleeve | 0.5 mm ² |
| Maximum conductor cross section (flex., stranded) with cable end sleeve | 2.5 mm ² |
| 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

Hutschiene EN 60715-35x15 mounting rail

Teil-Nr./part no. Farb/color Typ/type

| | | |
|---------------|-------------------------|-----------|
| 58.503.0055.0 | grau/grey | 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
 additional data see CATALOG or eCATALOG eshop.wieland-electric.com

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|---------------------|--|--------------------------|--|-----------------------------|--|--------------------------|--|
| Material / Material | | Name | | Drawing No. / Zeichnung Nr. | | Blatt / Sheet | |
| 58.503.0055.0 | | DURCHGANGSKLEMMLE | | T | | 58.503.0055.0 01K a | |
| 2:1 | | www.wieland-electric.com | | www.wieland-electric.com | | www.wieland-electric.com | |

a. 2013/2017
 Zeichnung / Drawing No.
 Blatt / Sheet: 1 von 1
 Stück / Piece: 1

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