

Wieland Electric

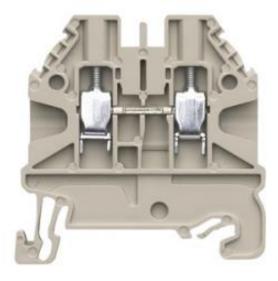


# Datasheet

Art.No. 58.503.0055.8

Feed-through terminal WT 2,5 YE

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 yellow



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

# Approvals



## Technical data

#### General

| Nominal cross section                                      | 2.5 mm <sup>2</sup>     |
|--|-------------------------|
| 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 | VO                      |
| 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





| 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      |

## Accessories

| Art.No.:      | Туре:                                 | 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                             | End plate for DIN rail terminal block type WT 2,5 - WT    |
|               |                                       | 10, color gray  |
| 07.313.2655.0 | Partition                             | Partition plate for DIN rail terminal block type WT 2,5 - |
|               |                                       | WT 10, color gray   |
| 98.300.0000.0 | Mounting rail 35x27x7,5EN60715 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 35x27x7,5EN60715 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 35x27x7,5EN60715 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 35x24x15 EN60715 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 35x24x15 EN60715 2000MM | Mounting rail TS 35, unslotted, size 15 mm, length 2      |
|               |                                       | m, material steel, hot galvanized                         |
| 98.370.0000.0 | Mounting rail 35x27x15(EN60715)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 35x27x15(EN60715)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 35x24x15 EN60715 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                 | Test plug for DIN rail terminal blocks fasis - selos -    |
|               |                                       | taris   |
|               |                                       |   |
| 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 IVBWKF 2,5 - 2             | Cross connector, insulated for DIN rail terminal blocks   |
|               |                                       | type WKF, 2 -pole   |
| Z7.280.6327.0 | Jumper bar IVBWKF 2,5 - 3             | Cross connector, insulated for DIN rail terminal blocks   |
|               |                                       | type WKF, 3 -pole   |
| Z7.280.6427.0 | Jumper bar IVBWKF 2,5 - 4             | Cross connector, insulated for DIN rail terminal blocks   |
|               |                                       | type WKF, 4 -pole   |





| Z7.280.6527.0 | Jumper bar IVBWKF 2,5 - 5  | Cross connector, insulated for DIN rail terminal blocks type WKF, 5 -pole  |
|---------------|----------------------------|--|
| Z7.280.6627.0 | Jumper bar IVBWKF 2,5 - 6  | Cross connector, insulated for DIN rail terminal blocks type WKF, 6 -pole  |
| Z7.280.6727.0 | Jumper bar IVBWKF 2,5 - 7  | Cross connector, insulated for DIN rail terminal blocks type WKF, 7 -pole  |
| Z7.280.6827.0 | Jumper bar IVBWKF 2,5 - 8  | Cross connector, insulated for DIN rail terminal blocks type WKF, 8 -pole  |
| Z7.280.6927.0 | Jumper bar IVBWKF 2,5 - 9  | Cross connector, insulated for DIN rail terminal blocks type WKF, 9 -pole  |
| Z7.280.7027.0 | Jumper bar IVBWKF 2,5 - 10 | Cross connector, insulated for DIN rail terminal blocks type WKF, 10 -pole |





Drawings

