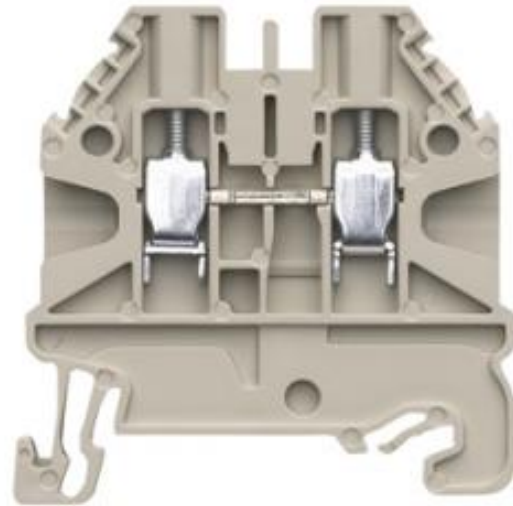


## Datasheet

Art.No. 58.503.0055.0

Feed-through terminal WT 2,5

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 g ray



|            |               |
|------------|---------------|
| Art.No.    | 58.503.0055.0 |
| EAN        | 4049088154027 |
| Order unit | 100 pieces    |

## Approvals



## Technical data

### General

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

## Accessories

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

# Drawings

