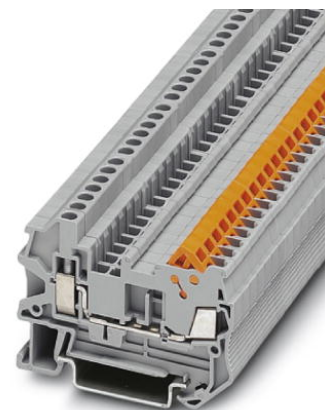



**QTCU 1,5**

Order No.: 3050015

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3050015>

Feed-through modular terminal block, Connection type: Quick connection, Screw connection, Cross-section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, Width: 5.2 mm, Color: gray, Mounting: NS 35/7.5, NS 35/15

**Commercial data**

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 975722 |
| sales group              | A701                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                               |
| Catalog page information | Page 230 (CL-2009)                                                                                     |

**Product notes**

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****General**

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 2    |
| Color                 | gray |

|                                    |    |
|------------------------------------|----|
| Insulating material                | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 58.8 mm |
| Height NS 35/7.5 | 42.8 mm |
| Height NS 35/15  | 50.3 mm |
| End cover width  | 2.2 mm  |

**Technical data**

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| Maximum load current             | 17.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV                                                      |
| Pollution degree                 | 3                                                         |
| Surge voltage category           | III                                                       |
| Insulating material group        | I                                                         |
| Connection in acc. with standard | IEC 60947-7-1                                             |
| Nominal current I <sub>N</sub>   | 17.5 A                                                    |
| Nominal voltage U <sub>N</sub>   | 800 V                                                     |

**Connection data**

|                                        |                      |
|----------------------------------------|----------------------|
| Conductor cross section solid min.     | 0.25 mm <sup>2</sup> |
| Conductor cross section solid max.     | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.  | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 24                   |
| Conductor cross section AWG/kcmil max  | 16                   |
| Type of connection                     | Quick connection     |
| Material wire insulation               | PVC / PE             |

**Certificates / Approvals**

Certification CUL, GL, UL

Certification Ex: IECEX, KEMA-EX

**Accessories**

| Item            | Designation                 | Description                                                                                                                                                                                                                  |
|-----------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                             |                                                                                                                                                                                                                              |
| 3206209         | ATP-QTC                     | Partition plate, Length: 64.4 mm, Width: 2 mm, Height: 46 mm, Color: gray                                                                                                                                                    |
| 3022218         | CLIPFIX 35                  | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray                                               |
| 3022276         | CLIPFIX 35-5                | Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray |
| 3206283         | D-QTCU 1,5                  | End cover, Length: 58.8 mm, Width: 2.2 mm, Height: 42.8 mm, Color: gray                                                                                                                                                      |
| 1201442         | E/UK                        | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail                                                                                                                                                                       |
| 0801762         | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                                                            |
| 0801733         | NS 35/ 7,5 PERF 2000MM      | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                 |
| 0801681         | NS 35/ 7,5 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                                                                             |
| 1201756         | NS 35/15 AL UNPERF 2000MM   | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m                                                                                                    |
| 1201895         | NS 35/15 CU UNPERF 2000MM   | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                                                               |
| 1201714         | NS 35/15 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m                                                                                                                                              |
| 1201798         | NS 35/15-2,3 UNPERF 2000MM  | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                                                                |

**Bridges**

|         |          |                                                     |
|---------|----------|-----------------------------------------------------|
| 3030161 | FBS 2-5  | Plug-in bridge, Number of positions: 2, Color: red  |
| 3030174 | FBS 3-5  | Plug-in bridge, Number of positions: 3, Color: red  |
| 3030187 | FBS 4-5  | Plug-in bridge, Number of positions: 4, Color: red  |
| 3030190 | FBS 5-5  | Plug-in bridge, Number of positions: 5, Color: red  |
| 3030213 | FBS 10-5 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Plug-in bridge, Number of positions: 20, Color: red |

**Marking**

|         |                         |                                                                                                                                                                                                    |
|---------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0811228 | X-PEN 0,35              | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm                                                                            |
| 1050004 | ZB 5 :UNBEDRUCKT        | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White                |
| 5060906 | ZB 5/WH-100:UNBEDRUCKT  | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White |
| 0808668 | ZBF 5/WH-100:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, large batch, sufficient for labeling 1000 terminal blocks, color: white                                      |
| 0808642 | ZBF 5:UNBEDRUCKT        | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white                                                             |

**Plug/Adapter**

|         |                 |                                                     |
|---------|-----------------|-----------------------------------------------------|
| 0201702 | MPS-IH GN       | Insulating sleeve, Color: green                     |
| 0201728 | MPS-IH GY       | Insulating sleeve, Color: gray                      |
| 0201676 | MPS-IH RD       | Insulating sleeve, Color: red                       |
| 0201744 | MPS-MT          | Test plugs                                          |
| 3030925 | PAI-4           | Test adapter, Color: gray                           |
| 3030983 | PS-5            | Test adapter, Color: red                            |
| 3030860 | RB ST 6-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |

**Tools**

|         |               |                                                                                                                                                       |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**Diagrams/Drawings**

Circuit diagram



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