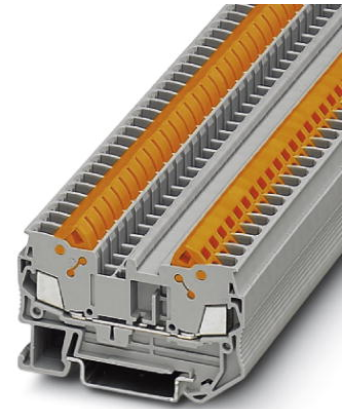


## QTC 2,5

Order No.: 3206416



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3206416>

Quick connection feed-through terminal block, Type of connection: Quick connection, Quick connection, Cross section: 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG 20 - 14, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15



### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918976033      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.01065 KG         |
| Catalog page information | Page 218 (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            | 6.2 mm  |
| Length           | 62.6 mm |
| Height NS 35/7,5 | 39.3 mm |
| Height NS 35/15  | 46.8 mm |

**Technical data**

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Maximum load current             | 24 A (with 2.5 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>   | 24 A                                                    |
| Nominal voltage U <sub>N</sub>   | 800 V                                                   |
| Open side panel                  | ja                                                      |

**Connection data**

|                                                                             |                     |
|-----------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                          | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                          | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded min.                                       | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                       | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                      | 20                  |
| Conductor cross section AWG/kcmil max                                       | 14                  |
| Type of connection                                                          | Quick connection    |
| Material wire insulation                                                    | PVC / PE            |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.1-5     |

**Certificates / Approvals**

Certification

ABS, BV, CSA, CUL, GL, NK, UL

Certification Ex:

IECEEx, KEMA-EX

**CSA**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 15 A  |
| AWG/kcmil             | 20-14 |

**CUL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 15 A  |
| AWG/kcmil             | 20-14 |

**UL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 15 A  |
| AWG/kcmil             | 20-14 |

**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 |
| 3206568         | D-QTC 2,5                   | End cover, Length: 62.6 mm, Width: 2.2 mm, Height: 39.3 mm, Color: gray                                                                                                                                                      |
| 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 |
| 3038943 | RB ST (2,5/4)-1,5          | Cross connector/bridge, Number of positions: 2, Color: red                                    |

**Bridges**

|         |          |                                                             |
|---------|----------|-------------------------------------------------------------|
| 3030336 | FBS 2-6  | Cross connector/bridge, Number of positions: 2, Color: red  |
| 3030242 | FBS 3-6  | Cross connector/bridge, Number of positions: 3, Color: red  |
| 3030255 | FBS 4-6  | Cross connector/bridge, Number of positions: 4, Color: red  |
| 3030349 | FBS 5-6  | Cross connector/bridge, Number of positions: 5, Color: red  |
| 3030271 | FBS 10-6 | Cross connector/bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Cross connector/bridge, Number of positions: 20, Color: red |
| 3032224 | FBS 50-6 | Cross connector/bridge, Number of positions: 50, Color: red |

**Plug/Adapter**

|         |       |                           |
|---------|-------|---------------------------|
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3030996 | PS-6  | Test adapter, Color: red  |

**Tools**

|         |               |                                                       |
|---------|---------------|-------------------------------------------------------|
| 1204517 | SZF 1-0,6X3,5 | Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm |
|---------|---------------|-------------------------------------------------------|

**Diagrams/Drawings**

## Circuit diagram



## Approbationslogos (EX-Bereich)



**Address**

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