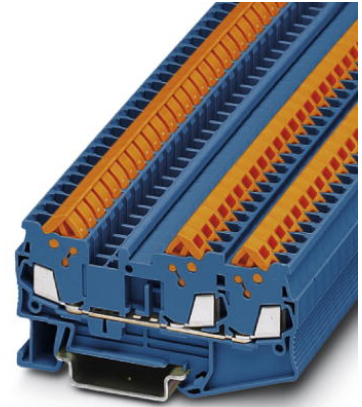


## QTC 1,5-TWIN BU

Order No.: 3205051

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3205051>

Feed-through modular terminal block, Type of connection: Quick connection, Quick connection, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG 24 - 16, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/7.5



### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 932459 |
| sales group              | A731                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                               |
| Catalog page information | Page 219 (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 | 3    |
| Color                 | blue |

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

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 76.4 mm |
| Height NS 35/7.5 | 39.3 mm |
| Height NS 35/15  | 46.8 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 (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U <sub>N</sub>   | 800 V                                                                                                   |
| Open side panel                  | ja                                                                                                      |

#### 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             |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.1-5      |

#### Certificates / Approvals



Certification

ABS, BV, CSA, CUL, DNV, GL, KR, LR, NK, UL

Certification Ex: IECEX, KEMA-EX

## Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

### Assembly

|         |                             |                                                                                                                                                                                                                              |
|---------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| 3205190 | D-QTC 1,5-TWIN              | End cover, Length: 76.4 mm, Width: 2.2 mm, Height: 39.3 mm, Color: gray                                                                                                                                                      |
| 3205200 | DS-QTC 1,5                  | Cover segment, Length: 94 mm, Width: 0 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                                                                                                 |
| 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                                                                                                                               |
| 1201730 | NS 35/15 PERF 2000MM        | DIN rail, material: Steel, perforated, 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 |
| 3038943 | RB ST (2,5/4)-1,5 | Reducing bridge, Number of positions: 2, Color: red |

#### Plug/Adapter

|         |        |                           |
|---------|--------|---------------------------|
| 3030925 | PAI-4  | Test adapter, Color: gray |
| 3036709 | PS-4/E | Test adapter, Color: red  |
| 3030983 | PS-5   | Test adapter, 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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