





# QT fast connection terminal blocks

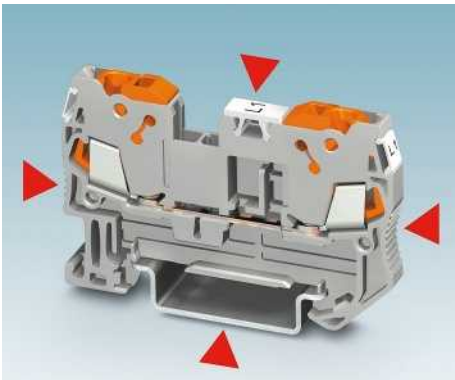
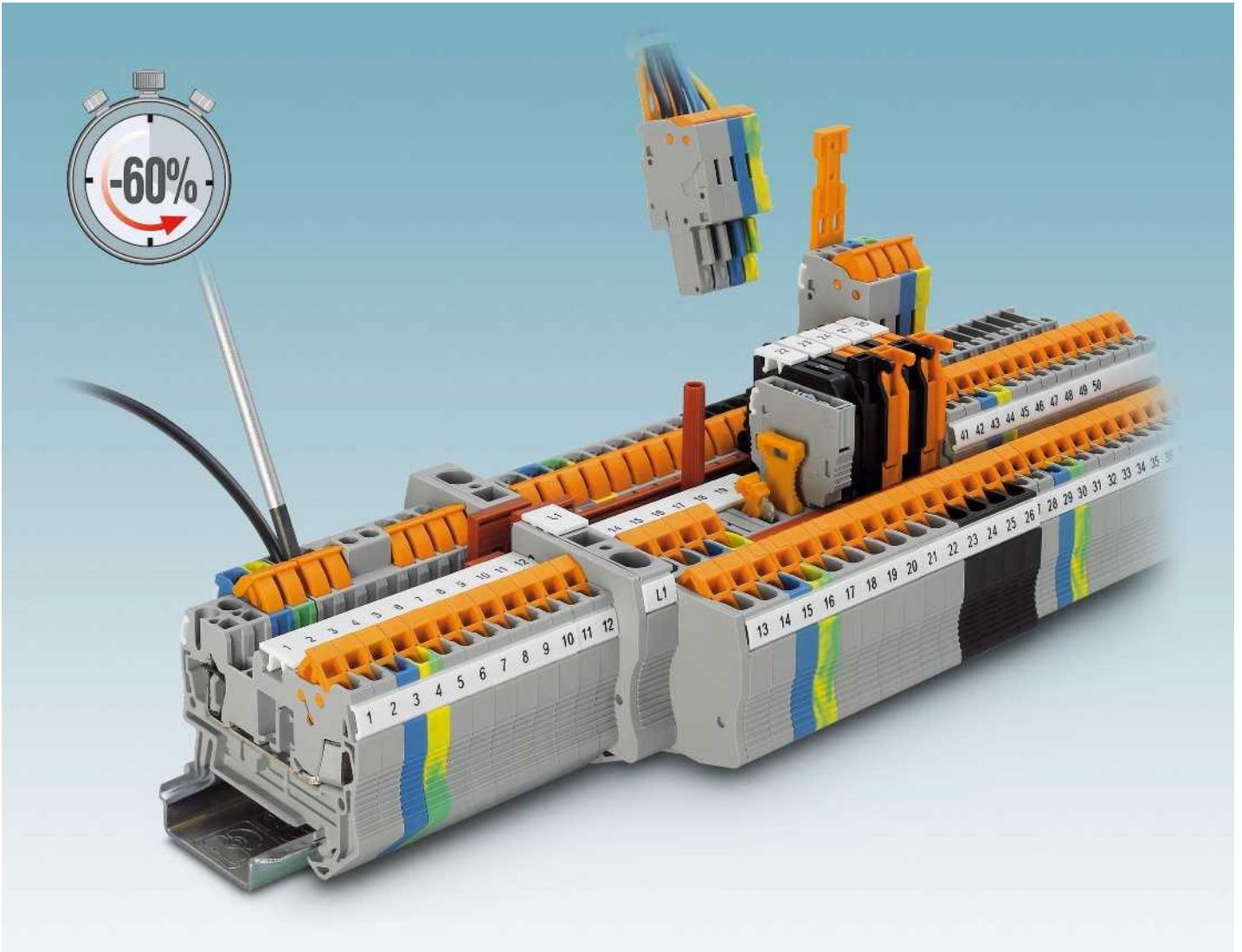
The use of QT fast connection terminal blocks can save up to 60 percent of the time required for wiring, since stripping and fitting splicing protection are no longer necessary. The cables just need to be cut to length for contact to be made in a matter of seconds. An important characteristic is the space-saving connection with patented insulation displacement contact.

The start and end positions of the conductor connection are clearly identified by engagement points. When a conductor is connected, the insulation is cut open, displaced, and the conductor is securely engaged in the end position where it makes extensive, gas-tight contact. Solid and stranded conductors from 0.25 to 2.5 mm<sup>2</sup> can be wired without aids such as guide ferrules.

The high quality of the QT fast connection terminal blocks is proven by the fact that this connection technology features various approvals and is certified under the standard for Ex e applications.

## Product range overview

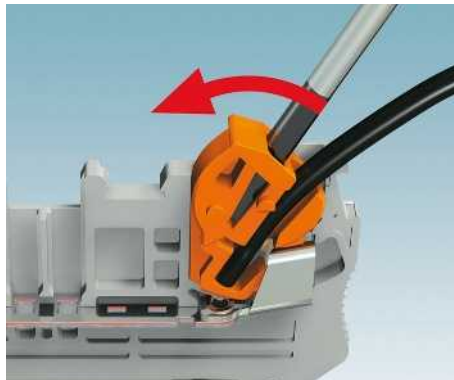
|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| <b>QT fast connection terminal blocks</b>                                   | <b>306</b> |
| Feed-through terminal blocks                                                | <b>308</b> |
| Ground terminal blocks                                                      | <b>310</b> |
| Double-level terminal blocks                                                | <b>312</b> |
| Lever-type fuse terminal blocks                                             | <b>314</b> |
| Lever-type disconnect terminal block                                        | <b>315</b> |
| Disconnect terminal blocks for accommodating function plugs                 | <b>316</b> |
| Knife disconnect terminal blocks                                            | <b>318</b> |
| Hybrid feed-through terminal blocks with screw connection on one side       | <b>320</b> |
| Hybrid feed-through terminal blocks with spring-cage connection on one side | <b>324</b> |



### Space-saving design

The QUICKON QT series is characterized by the IDC connection. This allows space to be saved without limiting the quality features in any way:

- Large-surface marking
- Maximum connection space
- Flexible plug-in bridge system



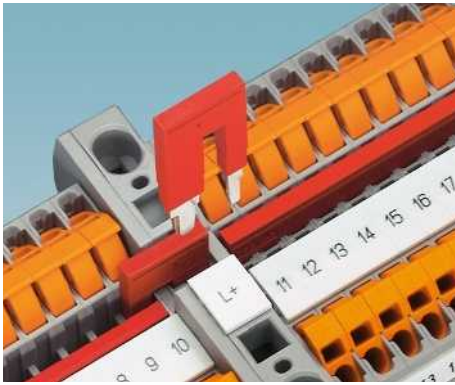
### Cut to length, cut, and you're done!

Time savings of 60% and more compared with other connection systems. Stripping and fitting splicing protection is no longer necessary thanks to the QUICKON fast connection system. All that is needed is to cut the conductors to the correct length and they can then be contacted within seconds.

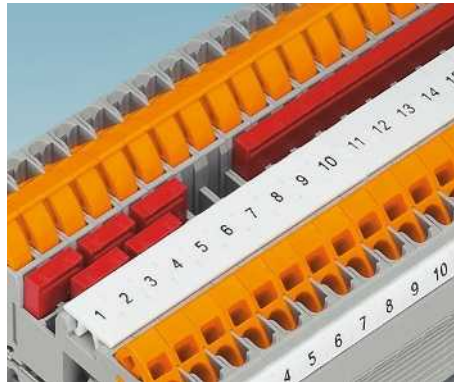


### Powerful insulation displacement contact

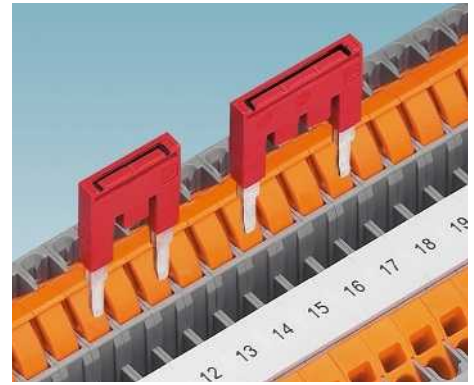
The 0.25 to 2.5 mm<sup>2</sup> conductor connection is provided by the patented insulation displacement contact. High-quality special alloys and latches for the switching states ensure safe electrical connections at all times. Large, spring-mounted contact points guarantee 24 A current-carrying capacity.



The reducing bridge enables time-saving and low-cost potential distribution when supplying large cross sections. The reducing bridge connects, e.g., an ST 10 terminal block to a QTC 1,5 or QTC 2,5.



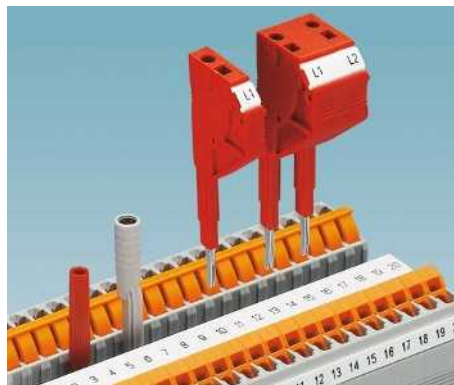
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2 to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



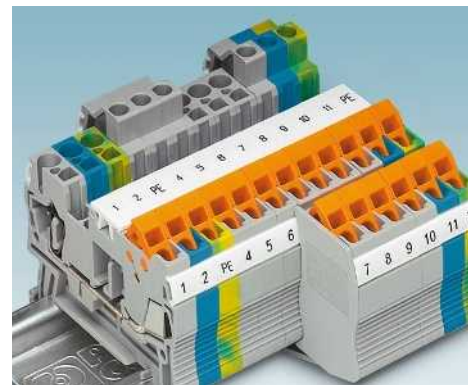
A jumping bridge is created by removing individual forks from the standard bridge. Two potentials can then be routed in parallel. There is scope for marking on the top of the bridge.



The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component plug, and P-FU cartridge fuse plug with 5.2 mm pitch can be used in the universal plug-in zone of the disconnect terminal block.



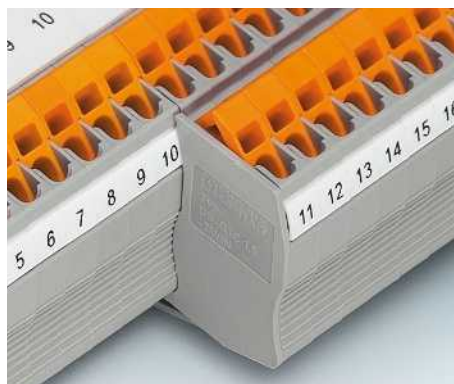
A test plug with a 2.3 mm diameter is available for measuring lines. All measurement and test work can be completed at speed using test adapters for 4 mm diameter test plugs and the modular test plugs.



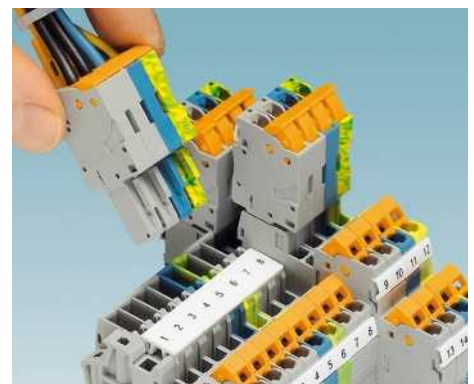
The hybrid versions combine the time-saving rapid connection method with the benefits of the screw or spring-cage method.



Lever-type fuse terminal blocks are also available to suit the function terminal blocks. The retentive fuse holders can be used in black housing with a micro fuse or in orange housing with a contact metal.



Cover segments are used to cover protruding terminal block segments of three or four-conductor terminal blocks, when adding two-conductor terminal blocks. Fingers are thereby protected from contact.



QT COMBI basic terminal blocks and plugs with fast connection are available for the plug-in configuration of signal wiring with fast connection. See "COMBI" section, page 329.

# Modular terminal blocks - CLIPLINE complete

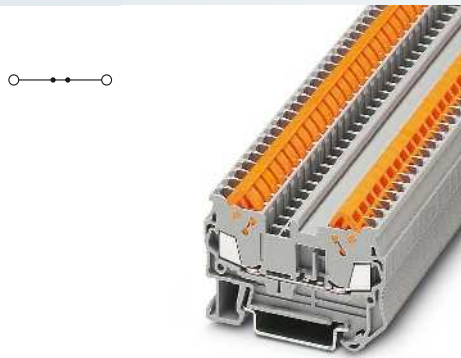
## QT fast connection terminal blocks

### QTC ... feed-through terminal blocks

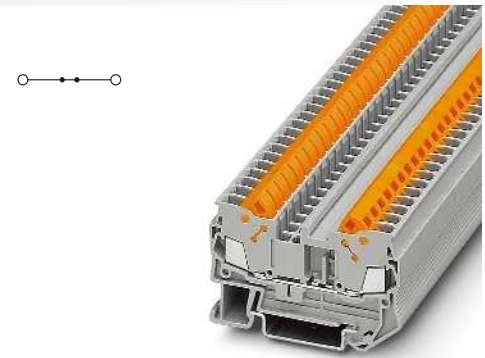
The QTC fast connection series is characterized by the system features of CLIPLINE complete and the following:

- Compact design
- The fastest conductor connection for signal and low-spectrum power wiring

| Notes:                                                                                   |
|------------------------------------------------------------------------------------------|
| 1) The total current of all connected conductors must not exceed the max. load current.  |
| 2) For installation notes on the use of accessories for Ex e applications, see page 710. |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block



2.5 (2.5) mm<sup>2</sup>, 24 A, feed-through terminal block

UL US PCG ABS R KR TUV ClassNK

Ex: Ex I Ex II  
KEMA 03ATEX2557U / IECEx KEM 07.0015U

| Technical data                                            |                                |                           |                                   |  |
|-----------------------------------------------------------|--------------------------------|---------------------------|-----------------------------------|--|
| Width                                                     | Length                         | Height NS 35/7,5          |                                   |  |
| 5.2                                                       | 58.8                           | 39.3                      |                                   |  |
| I <sub>max.</sub> [A]                                     | U <sub>max.</sub> [V]          | max. Ø [mm <sup>2</sup> ] | AWG                               |  |
| 17.5                                                      | 800                            | 0.25 - 1.5                | 24 - 16                           |  |
| IEC 60947-7-1                                             |                                | Ex                        |                                   |  |
| IEC                                                       | UL/CUL                         | CSA                       | IEC/EN 60079-7                    |  |
| Rated voltage [V]                                         | 800                            | 600                       | 550                               |  |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]  | 17.5 / 1.5                     | 10 / -                    | 10 / -<br>16 / 1.5 //<br>16 / 1.5 |  |
| Rated cross section [mm <sup>2</sup> ]                    | 1.5                            | -                         | 1.5                               |  |
| Cross section range AWG                                   | 24 - 16                        | 24-16                     | 24 - 16                           |  |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                                |                           |                                   |  |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ] 0.5 - 1.5   |                           |                                   |  |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ] 0.25 - 0.34 |                           |                                   |  |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG 24 - 16                    |                           |                                   |  |
| Frequency of connections with the same cross section      | 100                            |                           |                                   |  |

| Dimensions                                               |            | [mm] |
|----------------------------------------------------------|------------|------|
| <b>Max. electrical data</b>                              |            |      |
| <b>Rated data</b>                                        |            |      |
| Rated voltage [V]                                        | 800        |      |
| Nominal current / cross section [A] / [mm <sup>2</sup> ] | 17.5 / 1.5 |      |
| Rated cross section [mm <sup>2</sup> ]                   | 1.5        |      |
| Cross section range AWG                                  | 24 - 16    |      |
| <b>General data</b>                                      |            |      |
| Insulating material                                      | PA         |      |
| Inflammability class according to UL 94                  | V0         |      |

UL US PCG ABS R ClassNK

Ex: Ex I Ex II  
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

| Technical data                                            |                              |                           |                                       |  |
|-----------------------------------------------------------|------------------------------|---------------------------|---------------------------------------|--|
| Width                                                     | Length                       | Height NS 35/7,5          |                                       |  |
| 6.2                                                       | 62.6                         | 39.3                      |                                       |  |
| I <sub>max.</sub> [A]                                     | U <sub>max.</sub> [V]        | max. Ø [mm <sup>2</sup> ] | AWG                                   |  |
| 24                                                        | 800                          | 0.5 - 2.5                 | 20 - 14                               |  |
| IEC 60947-7-1                                             |                              | Ex                        |                                       |  |
| IEC                                                       | UL/CUL                       | CSA                       | IEC/EN 60079-7                        |  |
| Rated voltage [V]                                         | 800                          | 600                       | 550                                   |  |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]  | 24 / 2.5                     | 15 / -                    | 15 / -<br>22.5 / 2.5 //<br>22.5 / 2.5 |  |
| Rated cross section [mm <sup>2</sup> ]                    | 2.5                          | -                         | 2.5                                   |  |
| Cross section range AWG                                   | 20 - 14                      | 20-14                     | 20 - 14                               |  |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                              |                           |                                       |  |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ] 0.5 - 2.5 |                           |                                       |  |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ] -         |                           |                                       |  |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG 20 - 14                  |                           |                                       |  |
| Frequency of connections with the same cross section      | 100                          |                           |                                       |  |

| Description                              | No. of pos. | Color        |
|------------------------------------------|-------------|--------------|
| Terminal block, for mounting on NS 35... |             | gray<br>blue |

| Ordering data |                   |           |             |
|---------------|-------------------|-----------|-------------|
| Type          | I <sub>max.</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5       |                   | 3205019   | 50          |
| QTC 1,5 BU    |                   | 3205022   | 50          |

| Ordering data |                   |           |             |
|---------------|-------------------|-----------|-------------|
| Type          | I <sub>max.</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5       |                   | 3206416   | 50          |
| QTC 2,5 BU    |                   | 3206429   | 50          |

| Accessories <sup>2)</sup>                                                                                                                             | No. of pos. | Color |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|
| Cover, width 2.2 mm                                                                                                                                   |             | gray  |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned                                        |             | gray  |
| Plug-in bridge                                                                                                                                        | 2           | red   |
|                                                                                                                                                       | 3           | red   |
|                                                                                                                                                       | 4           | red   |
|                                                                                                                                                       | 5           | red   |
|                                                                                                                                                       | 10          | red   |
|                                                                                                                                                       | 20          | red   |
| Partition plate, 2 mm width                                                                                                                           |             | gray  |
| Test adapter, 4-mm test socket hole                                                                                                                   |             | gray  |
| Test plug metal part, 2.3 mm Ø                                                                                                                        |             |       |
| Insulating sleeve, for MPS metal part                                                                                                                 |             | red   |
| Modular test plug, for the individual assembly of test plug strips                                                                                    |             | red   |
| Screwdriver                                                                                                                                           |             |       |
| Double marker carrier, snaps into all terminal blocks with a width of 5.2 mm and a zack marker strip center groove, can be labeled with ZB 5 or ZBF 5 |             | gray  |

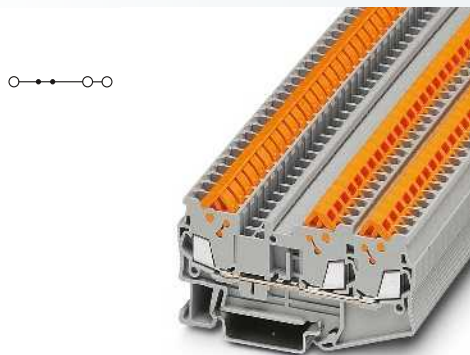
| Accessories <sup>2)</sup> |                   |           |             |
|---------------------------|-------------------|-----------|-------------|
| Type                      | I <sub>max.</sub> | Order No. | Pcs. / Pkt. |
| D-QTC 1,5                 |                   | 3205161   | 50          |
| FBS 2-5                   | 24 A              | 3030161   | 50          |
| FBS 3-5                   | 24 A              | 3030174   | 50          |
| FBS 4-5                   | 24 A              | 3030187   | 50          |
| FBS 5-5                   | 24 A              | 3030190   | 50          |
| FBS 10-5                  | 24 A              | 3030213   | 10          |
| FBS 20-5                  | 24 A              | 3030226   | 10          |
| ATP-QTC                   |                   | 3206209   | 50          |
| PAI-4-N GY                |                   | 3032871   | 10          |
| MPS-MT                    |                   | 0201744   | 10          |
| MPS-IH RD                 |                   | 0201676   | 10          |
| PS-5                      |                   | 3030983   | 10          |
| SZF 1-0,6X3,5             |                   | 1204517   | 10          |
| STP 5-2-ZB                |                   | 3037643   | 100         |

| Accessories <sup>2)</sup> |                   |           |             |
|---------------------------|-------------------|-----------|-------------|
| Type                      | I <sub>max.</sub> | Order No. | Pcs. / Pkt. |
| D-QTC 2,5                 |                   | 3206568   | 50          |
| FBS 2-6                   | 32 A              | 3030336   | 50          |
| FBS 3-6                   | 32 A              | 3030242   | 50          |
| FBS 4-6                   | 32 A              | 3030255   | 50          |
| FBS 5-6                   | 32 A              | 3030349   | 50          |
| FBS 10-6                  | 32 A              | 3030271   | 10          |
| FBS 20-6                  | 32 A              | 3030365   | 10          |
| ATP-QTC                   |                   | 3206209   | 50          |
| PAI-4-N GY                |                   | 3032871   | 10          |
| MPS-MT                    |                   | 0201744   | 10          |
| MPS-IH RD                 |                   | 0201676   | 10          |
| PS-6                      |                   | 3030996   | 10          |
| SZF 1-0,6X3,5             |                   | 1204517   | 10          |
| STP 5-2-ZB                |                   | 3037643   | 100         |

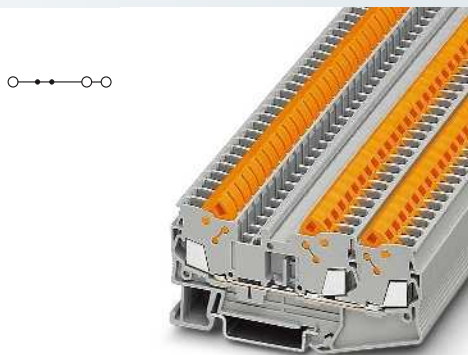
| Center groove labeling             |
|------------------------------------|
| Center and lateral groove labeling |

|                                                 |
|-------------------------------------------------|
| UC-TM 5, UCT-TM 5 or ZB 5<br>(see Catalog 5)    |
| UC-TMF 5, UCT-TMF 5 or ZBF 5<br>(see Catalog 5) |

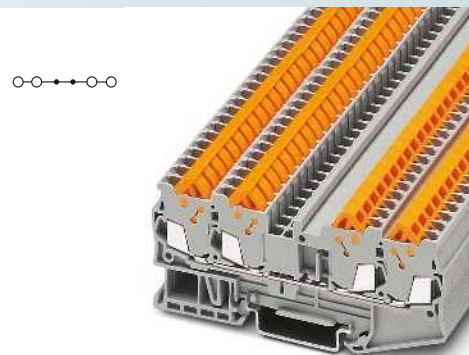
|                                                 |
|-------------------------------------------------|
| UC-TM 6, UCT-TM 6 or ZB 6<br>(see Catalog 5)    |
| UC-TMF 6, UCT-TMF 6 or ZBF 6<br>(see Catalog 5) |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block, 3 connections



2.5 (2.5) mm<sup>2</sup>, 24 A, feed-through terminal block, 3 connections



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block, 4 connections

UL US PC ABS B KR Lbook Register ClassNK

Ex: KEMA 03ATEX2557U / IECEx KEM 07.0015U

UL US PC ABS B ClassNK

Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U

UL US PC ABS B KR Lbook Register ClassNK

Ex: KEMA 03ATEX2557U / IECEx KEM 07.0015U

| Technical data       |                      |                           |                      |
|----------------------|----------------------|---------------------------|----------------------|
| Width                | Length               | Height NS 35/7,5          |                      |
| 5.2                  | 76.4                 | 39.3                      |                      |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                  |
| 17.5 <sup>1)</sup>   | 800                  | 0.25 - 1.5                | 24 - 16              |
| IEC 60947-7-1        |                      |                           |                      |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7       |
| 800                  | 600                  | 600                       | 550                  |
| 17.5 / 1.5           | 10 / -               | 10 / -                    | 16 / 1.5 // 16 / 1.5 |
| 1.5                  | -                    | -                         | 1.5                  |
| 24 - 16              | 24-16                | 24-16                     | 24 - 16              |
| 0.5 - 1.5            |                      |                           |                      |
| 0.25 - 0.34          |                      |                           |                      |
| 24 - 16              |                      |                           |                      |
| 100                  |                      |                           |                      |

| Technical data       |                      |                           |                          |
|----------------------|----------------------|---------------------------|--------------------------|
| Width                | Length               | Height NS 35/7,5          |                          |
| 6.2                  | 82.5                 | 39.3                      |                          |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                      |
| 24 <sup>1)</sup>     | 800                  | 0.5 - 2.5                 | 20 - 14                  |
| IEC 60947-7-1        |                      |                           |                          |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7           |
| 800                  | 600                  | 600                       | 550                      |
| 24 / 2.5             | 15 / -               | 15 / -                    | 22.5 / 2.5 // 22.5 / 2.5 |
| 2.5                  | -                    | -                         | 2.5                      |
| 20 - 14              | 20-14                | 20-14                     | 20 - 14                  |
| 0.5 - 2.5            |                      |                           |                          |
| -                    |                      |                           |                          |
| 20 - 14              |                      |                           |                          |
| 100                  |                      |                           |                          |

| Technical data       |                      |                           |                      |
|----------------------|----------------------|---------------------------|----------------------|
| Width                | Length               | Height NS 35/7,5          |                      |
| 5.2                  | 94                   | 39.3                      |                      |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                  |
| 17.5 <sup>1)</sup>   | 800                  | 0.25 - 1.5                | 24 - 16              |
| IEC 60947-7-1        |                      |                           |                      |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7       |
| 800                  | 600                  | 600                       | 550                  |
| 17.5 / 1.5           | 10 / -               | 10 / -                    | 16 / 1.5 // 16 / 1.5 |
| 1.5                  | -                    | -                         | 1.5                  |
| 24 - 16              | 24-16                | 24-16                     | 24 - 16              |
| 0.5 - 1.5            |                      |                           |                      |
| 0.25 - 0.34          |                      |                           |                      |
| 24 - 16              |                      |                           |                      |
| 100                  |                      |                           |                      |

PA  
V0

PA  
V0

PA  
V0

| Ordering data   |                  |           |             |
|-----------------|------------------|-----------|-------------|
| Type            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5-TWIN    |                  | 3205048   | 50          |
| QTC 1,5-TWIN BU |                  | 3205051   | 50          |

| Ordering data   |                  |           |             |
|-----------------|------------------|-----------|-------------|
| Type            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5-TWIN    |                  | 3206445   | 50          |
| QTC 2,5-TWIN BU |                  | 3206461   | 50          |

| Ordering data      |                  |           |             |
|--------------------|------------------|-----------|-------------|
| Type               | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5-QUATTRO    |                  | 3205077   | 50          |
| QTC 1,5-QUATTRO BU |                  | 3205080   | 50          |

| Accessories <sup>2)</sup> |      |         |     |
|---------------------------|------|---------|-----|
| D-QTC 1,5-TWIN            |      | 3205190 | 50  |
| DS-QTC 1,5                |      | 3205200 | 50  |
| FBS 2-5                   | 24 A | 3030161 | 50  |
| FBS 3-5                   | 24 A | 3030174 | 50  |
| FBS 4-5                   | 24 A | 3030187 | 50  |
| FBS 5-5                   | 24 A | 3030190 | 50  |
| FBS 10-5                  | 24 A | 3030213 | 10  |
| FBS 20-5                  | 24 A | 3030226 | 10  |
| ATP-QTC TWIN              |      | 3206212 | 50  |
| PAI-4-N GY                |      | 3032871 | 10  |
| MPS-MT                    |      | 0201744 | 10  |
| MPS-IH RD                 |      | 0201676 | 10  |
| PS-5                      |      | 3030983 | 10  |
| SZF 1-0,6X3,5             |      | 1204517 | 10  |
| STP 5-2-ZB                |      | 3037643 | 100 |

| Accessories <sup>2)</sup> |      |         |     |
|---------------------------|------|---------|-----|
| D-QTC 2,5-TWIN            |      | 3206571 | 50  |
| DS-QTC 2,5                |      | 3206607 | 50  |
| FBS 2-6                   | 32 A | 3030336 | 50  |
| FBS 3-6                   | 32 A | 3030242 | 50  |
| FBS 4-6                   | 32 A | 3030255 | 50  |
| FBS 5-6                   | 32 A | 3030349 | 50  |
| FBS 10-6                  | 32 A | 3030271 | 10  |
| FBS 20-6                  | 32 A | 3030365 | 10  |
| ATP-QTC TWIN              |      | 3206212 | 50  |
| PAI-4-N GY                |      | 3032871 | 10  |
| MPS-MT                    |      | 0201744 | 10  |
| MPS-IH RD                 |      | 0201676 | 10  |
| PS-6                      |      | 3030996 | 10  |
| SZF 1-0,6X3,5             |      | 1204517 | 10  |
| STP 5-2-ZB                |      | 3037643 | 100 |

| Accessories <sup>2)</sup> |      |         |     |
|---------------------------|------|---------|-----|
| D-QTC 1,5-QUATTRO         |      | 3205174 | 50  |
| DS-QTC 1,5                |      | 3205200 | 50  |
| FBS 2-5                   | 24 A | 3030161 | 50  |
| FBS 3-5                   | 24 A | 3030174 | 50  |
| FBS 4-5                   | 24 A | 3030187 | 50  |
| FBS 5-5                   | 24 A | 3030190 | 50  |
| FBS 10-5                  | 24 A | 3030213 | 10  |
| FBS 20-5                  | 24 A | 3030226 | 10  |
| ATP-QTC QUATTRO           |      | 3206225 | 50  |
| PAI-4-N GY                |      | 3032871 | 10  |
| MPS-MT                    |      | 0201744 | 10  |
| MPS-IH RD                 |      | 0201676 | 10  |
| PS-5                      |      | 3030983 | 10  |
| SZF 1-0,6X3,5             |      | 1204517 | 10  |
| STP 5-2-ZB                |      | 3037643 | 100 |

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

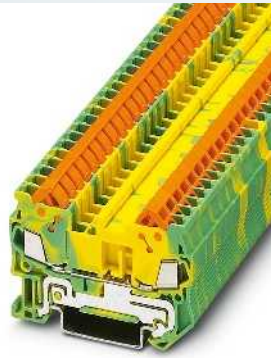
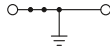
UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

# Modular terminal blocks - CLIPLINE complete

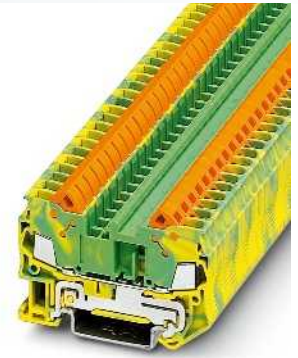
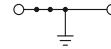
## QT fast connection terminal blocks

### QTC ...-PE ground terminal blocks

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met



1.5 (1.5) mm<sup>2</sup>, ground terminal block



2.5 (2.5) mm<sup>2</sup>, ground terminal block

**Notes:**  
 For current carrying capacity of DIN rails, see page 716.  
 1) For installation notes on the use of accessories for Ex e applications, see page 710.

UL US PG ABS R KR ClassNK

Ex: Ex IEC  
 KEMA 03ATEX2557U / IECEx KEM 07.0015U

#### Technical data

| Width                                                        | Length      | Height NS 35/7,5          |                |
|--------------------------------------------------------------|-------------|---------------------------|----------------|
| 5.2                                                          | 58.8        | 39.3                      |                |
|                                                              |             | max. Ø [mm <sup>2</sup> ] | AWG            |
|                                                              |             | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-2                                                |             |                           |                |
| IEC                                                          | UL/CUL      | CSA                       | IEC/EN 60079-7 |
| Rated voltage [V]                                            | -           | -                         | -              |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]     | -           | - / -                     | -              |
| Rated cross section [mm <sup>2</sup> ]                       | 1.5         | -                         | 1.5            |
| Cross section range AWG                                      | 24 - 16     | 24-16                     | 24 - 16        |
| <b>Connection cross section in acc. with DIN VDE 0295</b>    |             |                           |                |
| H05V(Z) / H07V(Z) [mm <sup>2</sup> ]                         | 0.5 - 1.5   |                           |                |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm] [mm <sup>2</sup> ] | 0.25 - 0.34 |                           |                |
| [Litz wires Ø ≥ 0.19 mm] AWG                                 | 24 - 16     |                           |                |
| Frequency of connections with the same cross section         | 100         |                           |                |

| Dimensions                                                   |  | [mm]        |
|--------------------------------------------------------------|--|-------------|
| <b>Max. electrical data</b>                                  |  |             |
| <b>Rated data</b>                                            |  |             |
| Rated voltage [V]                                            |  | -           |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]     |  | -           |
| Rated cross section [mm <sup>2</sup> ]                       |  | 1.5         |
| Cross section range AWG                                      |  | 24 - 16     |
| <b>Connection cross section in acc. with DIN VDE 0295</b>    |  |             |
| H05V(Z) / H07V(Z) [mm <sup>2</sup> ]                         |  | 0.5 - 1.5   |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm] [mm <sup>2</sup> ] |  | 0.25 - 0.34 |
| [Litz wires Ø ≥ 0.19 mm] AWG                                 |  | 24 - 16     |
| Frequency of connections with the same cross section         |  | 100         |
| <b>General data</b>                                          |  |             |
| Insulating material                                          |  | PA          |
| Inflammability class according to UL 94                      |  | V0          |

UL US PG ABS R ClassNK

Ex: Ex IEC  
 KEMA 05ATEX2148 U / IECEx KEM 07.0010U

#### Technical data

| Width                                                        | Length    | Height NS 35/7,5          |                |
|--------------------------------------------------------------|-----------|---------------------------|----------------|
| 6.2                                                          | 62.6      | 39.3                      |                |
|                                                              |           | max. Ø [mm <sup>2</sup> ] | AWG            |
|                                                              |           | 0.5 - 2.5                 | 20 - 14        |
| IEC 60947-7-2                                                |           |                           |                |
| IEC                                                          | UL/CUL    | CSA                       | IEC/EN 60079-7 |
| Rated voltage [V]                                            | -         | -                         | -              |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]     | -         | - / -                     | -              |
| Rated cross section [mm <sup>2</sup> ]                       | 2.5       | -                         | 2.5            |
| Cross section range AWG                                      | 20 - 14   | 20-14                     | 20 - 14        |
| <b>Connection cross section in acc. with DIN VDE 0295</b>    |           |                           |                |
| H05V(Z) / H07V(Z) [mm <sup>2</sup> ]                         | 0.5 - 2.5 |                           |                |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm] [mm <sup>2</sup> ] | -         |                           |                |
| [Litz wires Ø ≥ 0.19 mm] AWG                                 | 20 - 14   |                           |                |
| Frequency of connections with the same cross section         | 100       |                           |                |

|                                         |  |    |
|-----------------------------------------|--|----|
| Insulating material                     |  | PA |
| Inflammability class according to UL 94 |  | V0 |

#### Ordering data

| Type       | Order No. | Pcs. / Pkt. |
|------------|-----------|-------------|
| QTC 1,5-PE | 3205035   | 50          |

#### Ordering data

| Type       | Order No. | Pcs. / Pkt. |
|------------|-----------|-------------|
| QTC 2,5-PE | 3206432   | 50          |

#### Accessories<sup>1)</sup>

|               |         |     |
|---------------|---------|-----|
| D-QTC 1,5     | 3205161 | 50  |
| FBS 2-5       | 3030161 | 50  |
| FBS 3-5       | 3030174 | 50  |
| FBS 4-5       | 3030187 | 50  |
| FBS 5-5       | 3030190 | 50  |
| FBS 10-5      | 3030213 | 10  |
| FBS 20-5      | 3030226 | 10  |
| ATP-QTC       | 3206209 | 50  |
| PAI-4-N GY    | 3032871 | 10  |
| MPS-MT        | 0201744 | 10  |
| MPS-IH RD     | 0201676 | 10  |
| PS-5          | 3030983 | 10  |
| SZF 1-0,6X3,5 | 1204517 | 10  |
| STP 5-2-ZB    | 3037643 | 100 |

#### Accessories<sup>1)</sup>

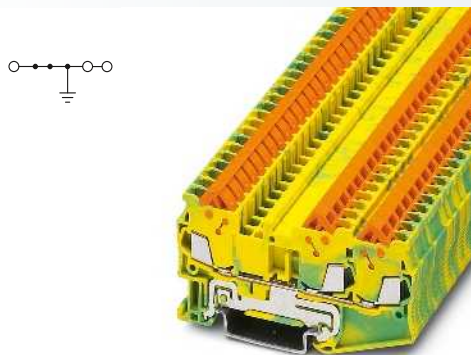
|               |         |     |
|---------------|---------|-----|
| D-QTC 2,5     | 3206568 | 50  |
| FBS 2-6       | 3030336 | 50  |
| FBS 3-6       | 3030242 | 50  |
| FBS 4-6       | 3030255 | 50  |
| FBS 5-6       | 3030349 | 50  |
| FBS 10-6      | 3030271 | 10  |
| FBS 20-6      | 3030365 | 10  |
| ATP-QTC       | 3206209 | 50  |
| PAI-4-N GY    | 3032871 | 10  |
| MPS-MT        | 0201744 | 10  |
| MPS-IH RD     | 0201676 | 10  |
| PS-6          | 3030996 | 10  |
| SZF 1-0,6X3,5 | 1204517 | 10  |
| STP 5-2-ZB    | 3037643 | 100 |

|                                    |  |
|------------------------------------|--|
| Center groove labeling             |  |
| Center and lateral groove labeling |  |

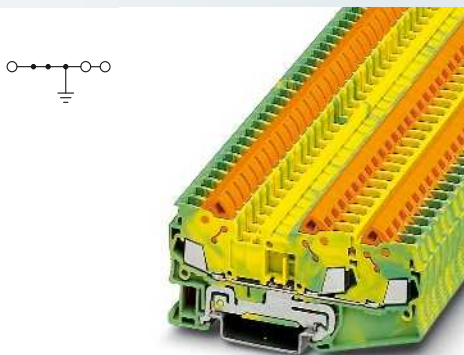
|                                              |
|----------------------------------------------|
| UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)    |
| UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5) |

|                                              |
|----------------------------------------------|
| UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)    |
| UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5) |

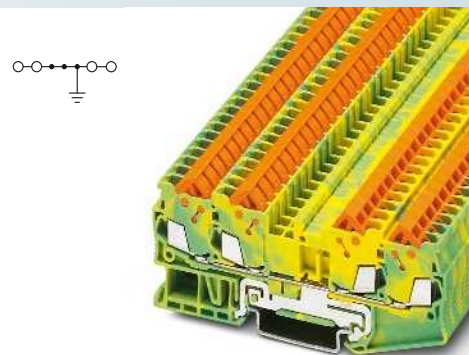




1.5 (1.5) mm<sup>2</sup>, ground terminal block, 3 connections



2.5 (2.5) mm<sup>2</sup>, ground terminal block, 3 connections



1.5 (1.5) mm<sup>2</sup>, ground terminal block, 4 connections

UL US PC ABS KR ClassNK

Ex: Ex IEC KEMA 03ATEX2557U / IECEx KEM 07.0015U

UL US PC ABS KR ClassNK

Ex: Ex IEC KEMA 05ATEX2148 U / IECEx KEM 07.0010U

UL US PC ABS KR ClassNK

Ex: Ex IEC KEMA 03ATEX2557U / IECEx KEM 07.0015U

| Technical data |        |                           |                |
|----------------|--------|---------------------------|----------------|
| Width          | Length | Height NS 35/7,5          |                |
| 5.2            | 76.4   | 39.3                      |                |
|                |        | max. Ø [mm <sup>2</sup> ] | AWG            |
|                |        | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-2  |        |                           |                |
| IEC            | UL/CUL | CSA                       | IEC/EN 60079-7 |
| -              | -      | -                         | -              |
| -              | -/-    | -                         | -              |
| 1.5            | -      | -                         | 1.5            |
| 24 - 16        | 24-16  | 24-16                     | 24 - 16        |
| 0.5 - 1.5      |        |                           |                |
| 0.25 - 0.34    |        |                           |                |
| 24 - 16        |        |                           |                |
| 100            |        |                           |                |

| Technical data |        |                           |                |
|----------------|--------|---------------------------|----------------|
| Width          | Length | Height NS 35/7,5          |                |
| 6.2            | 82.5   | 39.3                      |                |
|                |        | max. Ø [mm <sup>2</sup> ] | AWG            |
|                |        | 0.5 - 2.5                 | 20 - 14        |
| IEC 60947-7-2  |        |                           |                |
| IEC            | UL/CUL | CSA                       | IEC/EN 60079-7 |
| -              | -      | -                         | -              |
| -              | -/-    | -                         | -              |
| 2.5            | -      | -                         | 2.5            |
| 20 - 14        | 20-14  | 20-14                     | 20 - 14        |
| 0.5 - 2.5      |        |                           |                |
| -              |        |                           |                |
| 20 - 14        |        |                           |                |
| 100            |        |                           |                |

| Technical data |        |                           |                |
|----------------|--------|---------------------------|----------------|
| Width          | Length | Height NS 35/7,5          |                |
| 5.2            | 94     | 39.3                      |                |
|                |        | max. Ø [mm <sup>2</sup> ] | AWG            |
|                |        | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-2  |        |                           |                |
| IEC            | UL/CUL | CSA                       | IEC/EN 60079-7 |
| -              | -      | -                         | -              |
| -              | -/-    | -                         | -              |
| 1.5            | -      | -                         | 1.5            |
| 24 - 16        | 24-16  | 24-16                     | 24 - 16        |
| 0.5 - 1.5      |        |                           |                |
| 0.25 - 0.34    |        |                           |                |
| 24 - 16        |        |                           |                |
| 100            |        |                           |                |

PA  
V0

PA  
V0

PA  
V0

| Ordering data   |           |             |
|-----------------|-----------|-------------|
| Type            | Order No. | Pcs. / Pkt. |
| QTC 1,5-TWIN-PE | 3205064   | 50          |

| Ordering data   |           |             |
|-----------------|-----------|-------------|
| Type            | Order No. | Pcs. / Pkt. |
| QTC 2,5-TWIN-PE | 3206474   | 50          |

| Ordering data      |           |             |
|--------------------|-----------|-------------|
| Type               | Order No. | Pcs. / Pkt. |
| QTC 1,5-QUATTRO-PE | 3205093   | 50          |

| Accessories <sup>1)</sup> |         |     |
|---------------------------|---------|-----|
| D-QTC 1,5-TWIN            | 3205190 | 50  |
| DS-QTC 1,5                | 3205200 | 50  |
| FBS 2-5                   | 3030161 | 50  |
| FBS 3-5                   | 3030174 | 50  |
| FBS 4-5                   | 3030187 | 50  |
| FBS 5-5                   | 3030190 | 50  |
| FBS 10-5                  | 3030213 | 10  |
| FBS 20-5                  | 3030226 | 10  |
| ATP-QTC TWIN              | 3206212 | 50  |
| PAI-4-N GY                | 3032871 | 10  |
| MPS-MT                    | 0201744 | 10  |
| MPS-IH RD                 | 0201676 | 10  |
| PS-5                      | 3030983 | 10  |
| SZF 1-0,6X3,5             | 1204517 | 10  |
| STP 5-2-ZB                | 3037643 | 100 |

| Accessories <sup>1)</sup> |         |     |
|---------------------------|---------|-----|
| D-QTC 2,5-TWIN            | 3206571 | 50  |
| DS-QTC 2,5                | 3206607 | 50  |
| FBS 2-6                   | 3030336 | 50  |
| FBS 3-6                   | 3030242 | 50  |
| FBS 4-6                   | 3030255 | 50  |
| FBS 5-6                   | 3030349 | 50  |
| FBS 10-6                  | 3030271 | 10  |
| FBS 20-6                  | 3030365 | 10  |
| ATP-QTC TWIN              | 3206212 | 50  |
| PAI-4-N GY                | 3032871 | 10  |
| MPS-MT                    | 0201744 | 10  |
| MPS-IH RD                 | 0201676 | 10  |
| PS-6                      | 3030996 | 10  |
| SZF 1-0,6X3,5             | 1204517 | 10  |
| STP 5-2-ZB                | 3037643 | 100 |

| Accessories <sup>1)</sup> |         |     |
|---------------------------|---------|-----|
| D-QTC 1,5-QUATTRO         | 3205174 | 50  |
| DS-QTC 1,5                | 3205200 | 50  |
| FBS 2-5                   | 3030161 | 50  |
| FBS 3-5                   | 3030174 | 50  |
| FBS 4-5                   | 3030187 | 50  |
| FBS 5-5                   | 3030190 | 50  |
| FBS 10-5                  | 3030213 | 10  |
| FBS 20-5                  | 3030226 | 10  |
| ATP-QTC QUATTRO           | 3206225 | 50  |
| PAI-4-N GY                | 3032871 | 10  |
| MPS-MT                    | 0201744 | 10  |
| MPS-IH RD                 | 0201676 | 10  |
| PS-5                      | 3030983 | 10  |
| SZF 1-0,6X3,5             | 1204517 | 10  |
| STP 5-2-ZB                | 3037643 | 100 |

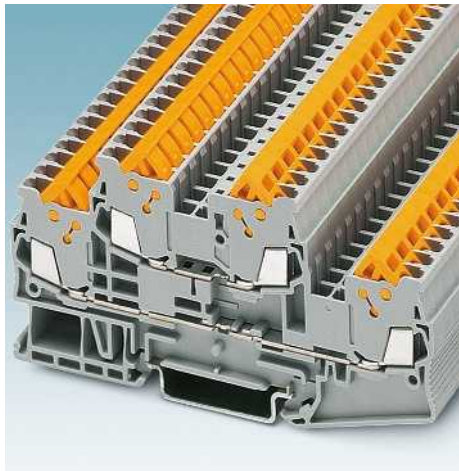
UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

## QT fast connection terminal blocks

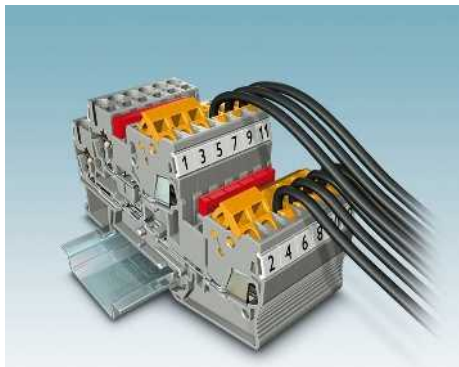
### QTTCB ... double-level terminal blocks



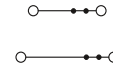
- Compact design and front connection enable wiring in a small amount of space
- Double bridge shaft per level for concurrent bridging and testing
- In the case of the QTTCB 1,5-PV terminal block, both the levels are interconnected
- One diode is fitted in the diode terminal block, conducting from the upper to the lower level
- Ground terminal blocks of the same shape are available
- All the requirements of standard IEC 60947-7-2 are met

### STP ... double marker carriers

- Optional, large labeling option using STP... double marker carriers



| Notes:                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------|
| For current carrying capacity of DIN rails, see page 716.                                                                              |
| 1) The total current of all connected conductors must not exceed the max. load current.                                                |
| 2) The max. current is determined by the diode. Integrated: diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A. |
| 3) For installation notes on the use of accessories for Ex e applications, see page 710.                                               |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, double-level terminal block

UL US PC ABS KFR ClassNK

Ex: Ex IEC 60947-7-2  
KEMA 03ATEX2557U / IECEx KEM 07.0015U

#### Technical data

| Dimensions                                                | [mm]                     |               |        |                           |                      |
|-----------------------------------------------------------|--------------------------|---------------|--------|---------------------------|----------------------|
| Width                                                     | 5.2                      | Length        | 99.6   | Height NS 35/7,5          | 49.9                 |
| <b>Max. electrical data</b>                               |                          |               |        |                           |                      |
| $I_{max}$ [A]                                             | 17.5                     | $U_{max}$ [V] | 500    | max. Ø [mm <sup>2</sup> ] | 0.25 - 1.5           |
|                                                           | AWG 24 - 16              |               |        |                           |                      |
|                                                           | IEC 60947-7-1            |               |        |                           |                      |
| <b>Rated data</b>                                         |                          |               |        |                           |                      |
| Rated voltage                                             | [V]                      | 500           | 600    | 600                       | 440                  |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | 17.5 / 1.5    | 10 / - | 10 / -                    | 15 / 1.5 // 15 / 1.5 |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5           | -      | -                         | 1.5                  |
| Cross section range                                       | AWG                      | 24 - 16       | 24-16  | 24-16                     | 24 - 16              |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |               |        |                           |                      |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 1.5     |        |                           |                      |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | 0.25 - 0.34   |        |                           |                      |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 24 - 16       |        |                           |                      |
| Frequency of connections with the same cross section      |                          | 100           |        |                           |                      |
| <b>General data</b>                                       |                          |               |        |                           |                      |
| Insulating material                                       | PA                       |               |        |                           |                      |
| Inflammability class according to UL 94                   | V0                       |               |        |                           |                      |

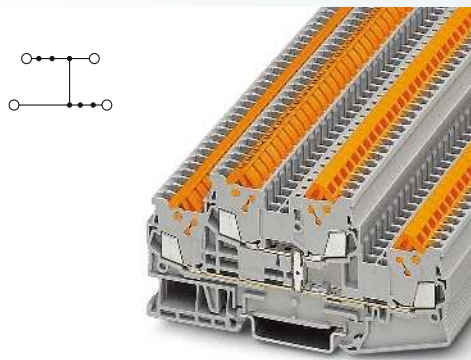
#### Ordering data

| Description                                                                        | No. of pos. | Color        | Type         | $I_{max}$ | Order No. | Pcs. / Pkt. |
|------------------------------------------------------------------------------------|-------------|--------------|--------------|-----------|-----------|-------------|
| Terminal block, for mounting on NS 35...                                           |             | gray         | QTTCB 1,5    |           | 3205116   | 50          |
|                                                                                    |             | blue         | QTTCB 1,5 BU |           | 3205129   | 50          |
| Terminal block, with equipotential bonder, for mounting on NS 35...                |             | gray         |              |           |           |             |
| Terminal block, with integrated diode, conducting from top to bottom <sup>2)</sup> |             | gray         |              |           |           |             |
| Ground terminal block, for mounting on NS 35...                                    |             | green-yellow |              |           |           |             |

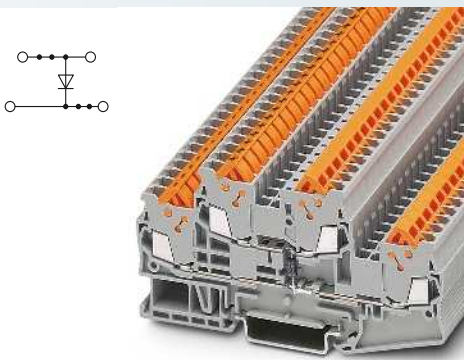
#### Accessories<sup>3)</sup>

| Accessories                                                                                                                             | Color | Order No.     | Pcs. / Pkt. |         |     |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|-------------|---------|-----|
| Cover, width 2.2 mm                                                                                                                     | gray  | D-QTTCB 1,5   | 3205187     | 50      |     |
| Plug-in bridge                                                                                                                          |       | FBS 2-5       | 24 A        | 3030161 | 50  |
|                                                                                                                                         | 2     | red           | 24 A        | 3030174 | 50  |
|                                                                                                                                         | 3     | red           | 24 A        | 3030187 | 50  |
|                                                                                                                                         | 4     | red           | 24 A        | 3030190 | 50  |
|                                                                                                                                         | 5     | red           | 24 A        | 3030213 | 10  |
|                                                                                                                                         | 10    | red           | 24 A        | 3030226 | 10  |
|                                                                                                                                         | 20    | red           | 24 A        |         |     |
| Vertical potential bridge, to connect the upper and lower level                                                                         | black | FBS-PV        |             | 3032185 | 50  |
| Partition plate, 2 mm width                                                                                                             | gray  | ATP-QTTCB     |             | 3206238 | 50  |
| Test adapter, 4-mm test socket hole                                                                                                     | gray  | PAI-4-N GY    |             | 3032871 | 10  |
| Test plug metal part, 2.3 mm Ø                                                                                                          |       | MPS-MT        |             | 0201744 | 10  |
| Insulating sleeve, for MPS metal part                                                                                                   | red   | MPS-IH RD     |             | 0201676 | 10  |
| Modular test plug, for the individual assembly of test plug strips                                                                      | red   | PS-5          |             | 3030983 | 10  |
| Screwdriver                                                                                                                             |       | SZF 1-0,6X3,5 |             | 1204517 | 10  |
| Double marker carrier, snaps into QTTCB ... and QTTCBS double-level fast connection terminal blocks, can be labeled with ZB 5 and ZBF 5 | gray  | STP 5-2/S     |             | 0800970 | 100 |

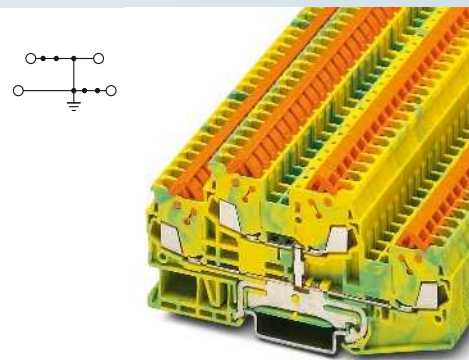
| Lateral groove labeling | UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5) |
|-------------------------|----------------------------------------------|
|-------------------------|----------------------------------------------|



1.5 (1.5) mm<sup>2</sup>, 17.5 A, double-level terminal block, internally connected levels



1.5 (1.5) mm<sup>2</sup>, 17.5 A, double-level diode terminal block



1.5 (1.5) mm<sup>2</sup>, double-level ground terminal block

UL, ABS, KR, ClassNK

Ex: KEMA 03ATEX2557U / IECEx KEM 07.0015U

UL, ABS, KR, ClassNK

Ex: KEMA 03ATEX2557U / IECEx KEM 07.0015U

UL, ABS, KR, ClassNK

Ex: KEMA 03ATEX2557U / IECEx KEM 07.0015U

| Technical data       |                      |                           |                      |
|----------------------|----------------------|---------------------------|----------------------|
| Width                | Length               | Height NS 35/7,5          |                      |
| 5.2                  | 99.6                 | 49.9                      |                      |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                  |
| 17.5 <sup>1)</sup>   | 500                  | 0.25 - 1.5                | 24 - 16              |
| IEC 60947-7-1        |                      |                           |                      |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7       |
| 500                  | 600                  | 600                       | 440                  |
| 17.5 / 1.5           | 10 / -               | 10 / -                    | 15 / 1.5 // 15 / 1.5 |
| 1.5                  | -                    | -                         | 1.5                  |
| 24 - 16              | 24-16                | 24-16                     | 24 - 16              |
| 0.5 - 1.5            |                      |                           |                      |
| 0.25 - 0.34          |                      |                           |                      |
| 24 - 16              |                      |                           |                      |
| 100                  |                      |                           |                      |

| Technical data       |                      |                           |                |
|----------------------|----------------------|---------------------------|----------------|
| Width                | Length               | Height NS 35/7,5          |                |
| 5.2                  | 99.6                 | 49.9                      |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 17.5 <sup>1)</sup>   | 500                  | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-2        |                      |                           |                |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 500                  | 600                  | 600                       | -              |
| 17.5 / 1.5           | 10 / -               | 10 / -                    | -              |
| 1.5                  | -                    | -                         | -              |
| 24 - 16              | 24-16                | 24-16                     | -              |
| 0.5 - 1.5            |                      |                           |                |
| 0.25 - 0.34          |                      |                           |                |
| 24 - 16              |                      |                           |                |
| 100                  |                      |                           |                |

| Technical data       |                      |                           |                |
|----------------------|----------------------|---------------------------|----------------|
| Width                | Length               | Height NS 35/7,5          |                |
| 5.2                  | 99.6                 | 49.9                      |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| -                    | -                    | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-2        |                      |                           |                |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| -                    | -                    | -                         | -              |
| -                    | - / -                | -                         | -              |
| 1.5                  | -                    | -                         | 1.5            |
| 24 - 16              | 24-16                | 24-16                     | 24 - 16        |
| 0.5 - 1.5            |                      |                           |                |
| 0.25 - 0.34          |                      |                           |                |
| 24 - 16              |                      |                           |                |
| 100                  |                      |                           |                |

PA  
V0

PA  
V0

PA  
V0

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTTCB 1,5-PV  |                  | 3205153   | 50          |

| Ordering data     |                  |           |             |
|-------------------|------------------|-----------|-------------|
| Type              | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTTCB 1,5-DIO/O-U |                  | 3206241   | 50          |

| Ordering data |           |             |  |
|---------------|-----------|-------------|--|
| Type          | Order No. | Pcs. / Pkt. |  |
| QTTCB 1,5-PE  | 3205132   | 50          |  |

| Accessories <sup>3)</sup> |      |         |     |
|---------------------------|------|---------|-----|
| D-QTTCB 1,5               |      | 3205187 | 50  |
| FBS 2-5                   | 24 A | 3030161 | 50  |
| FBS 3-5                   | 24 A | 3030174 | 50  |
| FBS 4-5                   | 24 A | 3030187 | 50  |
| FBS 5-5                   | 24 A | 3030190 | 50  |
| FBS 10-5                  | 24 A | 3030213 | 10  |
| FBS 20-5                  | 24 A | 3030226 | 10  |
| ATP-QTTCB                 |      | 3206238 | 50  |
| PAI-4-N GY                |      | 3032871 | 10  |
| MPS-MT                    |      | 0201744 | 10  |
| MPS-IH RD                 |      | 0201676 | 10  |
| PS-5                      |      | 3030983 | 10  |
| SZF 1-0,6X3,5             |      | 1204517 | 10  |
| STP 5-2/S                 |      | 0800970 | 100 |

| Accessories <sup>3)</sup> |      |         |     |
|---------------------------|------|---------|-----|
| D-QTTCB 1,5               |      | 3205187 | 50  |
| FBS 2-5                   | 24 A | 3030161 | 50  |
| FBS 3-5                   | 24 A | 3030174 | 50  |
| FBS 4-5                   | 24 A | 3030187 | 50  |
| FBS 5-5                   | 24 A | 3030190 | 50  |
| FBS 10-5                  | 24 A | 3030213 | 10  |
| FBS 20-5                  | 24 A | 3030226 | 10  |
| ATP-QTTCB                 |      | 3206238 | 50  |
| PAI-4-N GY                |      | 3032871 | 10  |
| MPS-MT                    |      | 0201744 | 10  |
| MPS-IH RD                 |      | 0201676 | 10  |
| PS-5                      |      | 3030983 | 10  |
| SZF 1-0,6X3,5             |      | 1204517 | 10  |
| STP 5-2/S                 |      | 0800970 | 100 |

| Accessories <sup>3)</sup> |  |         |     |
|---------------------------|--|---------|-----|
| D-QTTCB 1,5               |  | 3205187 | 50  |
| FBS 2-5                   |  | 3030161 | 50  |
| FBS 3-5                   |  | 3030174 | 50  |
| FBS 4-5                   |  | 3030187 | 50  |
| FBS 5-5                   |  | 3030190 | 50  |
| FBS 10-5                  |  | 3030213 | 10  |
| FBS 20-5                  |  | 3030226 | 10  |
| ATP-QTTCB                 |  | 3206238 | 50  |
| PAI-4-N GY                |  | 3032871 | 10  |
| MPS-MT                    |  | 0201744 | 10  |
| MPS-IH RD                 |  | 0201676 | 10  |
| PS-5                      |  | 3030983 | 10  |
| SZF 1-0,6X3,5             |  | 1204517 | 10  |
| STP 5-2/S                 |  | 0800970 | 100 |

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)

## QT fast connection terminal blocks

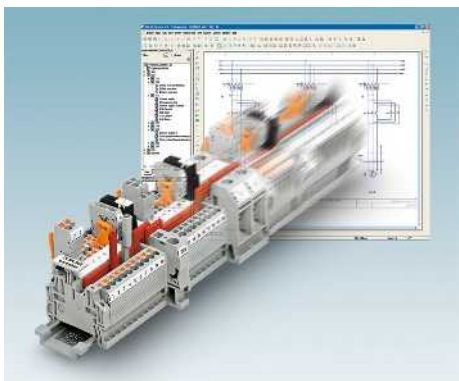
### QTC... lever-type fuse terminal blocks



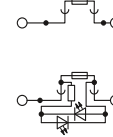
The lever-type fuse terminal blocks are characterized by:

- An extremely compact design
- Two function shafts can implement all the potential distribution work. For example, two separate potentials can be routed side by side with the help of jumping bridging.
- QTC 2,5-TG/-MT function terminal blocks of the same shape are available
- Test connection on both sides in safety lever
- Versions with light indicator for indicating that a fuse has blown round off the range

CLIP PROJECT Planning enables the quick and convenient planning and configuration of fault-free terminal strips.



| Notes:                                                                             |
|------------------------------------------------------------------------------------|
| For further technical notes on power dissipation, see page 724.                    |
| 1) If the fuse is faulty, the downstream circuit is not off load.                  |
| 2) For max. power dissipation, see page 724.                                       |
| 3) The current is determined by the fuse used, the voltage by the light indicator. |



2.5 (2.5) mm<sup>2</sup>, 6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



| Dimensions                                                |                          | [mm]              |
|-----------------------------------------------------------|--------------------------|-------------------|
| <b>Max. electrical data</b>                               |                          |                   |
| <b>Rated data</b>                                         |                          |                   |
| Rated voltage                                             | [V]                      | 500 <sup>3)</sup> |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | 6.3 / 1.5         |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 2.5               |
| Cross section range                                       | AWG                      | 20 - 14           |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |                   |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 2.5         |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | -                 |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 20 - 14           |
| Frequency of connections with the same cross section      |                          | 100               |
| <b>General data</b>                                       |                          |                   |
| Insulating material                                       |                          | PA                |
| Inflammability class according to UL 94                   |                          | V0                |

| Technical data        |                       |                           |                |  |
|-----------------------|-----------------------|---------------------------|----------------|--|
| Width                 | Length                | Height NS 35/7,5          |                |  |
| 6.2                   | 82.5                  | 64.9                      |                |  |
| I <sub>max.</sub> [A] | U <sub>max.</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |  |
| 6.3 <sup>3)</sup>     | 500 <sup>3)</sup>     | 0.5 - 2.5                 | 20 - 14        |  |
| IEC 60947-7-3         |                       |                           |                |  |
| IEC                   | UL/CUL                | CSA                       | IEC/EN 60079-7 |  |
|                       |                       |                           |                |  |
|                       |                       |                           |                |  |
|                       |                       |                           |                |  |
|                       |                       |                           |                |  |

| Description                                                                                 | No. of pos. | Color |
|---------------------------------------------------------------------------------------------|-------------|-------|
| <b>Fuse terminal block</b> , for mounting on NS 35..., for cartridge fuse inserts 5 x 20 mm |             | black |
| With LED for 12-30 V AC/DC, 0.31-0.95 mA <sup>1)</sup>                                      |             | black |
| With LED for 30-60 V AC/DC, 0.40-0.86 mA <sup>1)</sup>                                      |             | black |
| With LED for 110-250 V AC/DC, 0.41-0.96 mA <sup>1)</sup>                                    |             | black |

| Ordering data             |                   |           |             |
|---------------------------|-------------------|-----------|-------------|
| Type                      | I <sub>max.</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5-HESI (5X20)       |                   | 3050293   | 50          |
| QTC 2,5-HESILED 24 (5X20) |                   | 3050374   | 50          |
| QTC 2,5 HESILED 60 (5X20) |                   | 3050390   | 50          |
| QTC 2,5-HESILA 250 (5X20) |                   | 3050387   | 50          |

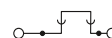
|                                                                                                                        |    |      |
|------------------------------------------------------------------------------------------------------------------------|----|------|
| <b>Cover</b> , width 2.2 mm                                                                                            |    | gray |
| <b>End cover segment</b> , for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned |    | gray |
| <b>Plug-in bridge</b>                                                                                                  |    |      |
|                                                                                                                        | 2  | red  |
|                                                                                                                        | 3  | red  |
|                                                                                                                        | 4  | red  |
|                                                                                                                        | 5  | red  |
|                                                                                                                        | 10 | red  |
|                                                                                                                        | 20 | red  |
| <b>Connection pin</b> , for coupling several fuse terminal blocks, made of plastic, 1 m long                           |    | gray |
| <b>Screwdriver</b>                                                                                                     |    |      |
| <b>Lever labeling</b>                                                                                                  |    |      |
| <b>Lateral groove labeling</b>                                                                                         |    |      |

| Accessories                                         |      |         |    |
|-----------------------------------------------------|------|---------|----|
| <b>D-QTC 2,5-TWIN</b>                               |      | 3206571 | 50 |
| <b>DS-QTC 2,5</b>                                   |      | 3206607 | 50 |
| <b>FBS 2-6</b>                                      | 32 A | 3030336 | 50 |
| <b>FBS 3-6</b>                                      | 32 A | 3030242 | 50 |
| <b>FBS 4-6</b>                                      | 32 A | 3030255 | 50 |
| <b>FBS 5-6</b>                                      | 32 A | 3030349 | 50 |
| <b>FBS 10-6</b>                                     | 32 A | 3030271 | 10 |
| <b>FBS 20-6</b>                                     | 32 A | 3030365 | 10 |
| <b>VS</b>                                           |      | 3004207 | 1  |
| <b>SZF 1-0,6X3,5</b>                                |      | 1204517 | 10 |
| <b>UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)</b>    |      |         |    |
| <b>UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)</b> |      |         |    |

**QTC ... lever-type disconnect terminal block**

The lever-type disconnect terminal blocks have the same shape and pitch as the 5 x 20 mm lever-type fuse terminal blocks and allow for:

- A design to suit their function
- Continuous labeling of terminal points
- The dual function shaft allows two potentials running in parallel to be jumped separately
- The time-saving way to set up potential infeed



2.5 (2.5) mm<sup>2</sup>, 20 A, lever-type disconnect terminal block, same shape

UL, CE, ABS, ClassNK

|                                                           |                          |           |
|-----------------------------------------------------------|--------------------------|-----------|
| <b>Dimensions</b>                                         |                          | [mm]      |
| <b>Max. electrical data</b>                               |                          |           |
| <b>Rated data</b>                                         |                          |           |
| Rated voltage                                             | [V]                      | 500       |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | 20 / 2.5  |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 2.5       |
| Cross section range                                       | AWG                      | 20 - 14   |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |           |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 2.5 |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | -         |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 20 - 14   |
| Frequency of connections with the same cross section      |                          | 100       |
| <b>General data</b>                                       |                          |           |
| Insulating material                                       |                          | PA        |
| Inflammability class according to UL 94                   |                          | V0        |

| Technical data       |                      |                           |                |
|----------------------|----------------------|---------------------------|----------------|
| Width                | Length               | Height NS 35/7,5          |                |
| 6.2                  | 82.5                 | 64.9                      |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 20                   | 500                  | 0.5 - 2.5                 | 20 - 14        |
| IEC 60947-7-1        |                      |                           |                |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |
|                      |                      |                           |                |
|                      |                      |                           |                |
|                      |                      |                           |                |
|                      |                      |                           |                |
|                      |                      |                           |                |

| Description                                                      | No. of pos. | Color        |
|------------------------------------------------------------------|-------------|--------------|
| Lever-type disconnect terminal block, same shape as QTC 2,5-HESI |             | black/orange |

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5-HEDI  |                  | 3206678   | 50          |

|                                                                                                                |    |      |
|----------------------------------------------------------------------------------------------------------------|----|------|
| Cover, width 2.2 mm                                                                                            |    | gray |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned |    | gray |
| <b>Plug-in bridge</b>                                                                                          |    |      |
|                                                                                                                | 2  | red  |
|                                                                                                                | 3  | red  |
|                                                                                                                | 4  | red  |
|                                                                                                                | 5  | red  |
|                                                                                                                | 10 | red  |
|                                                                                                                | 20 | red  |
| Connection pin, for coupling several fuse terminal blocks, made of plastic, 1 m long                           |    | gray |

| Accessories    |      |         |    |
|----------------|------|---------|----|
| D-QTC 2,5-TWIN |      | 3206571 | 50 |
| DS-QTC 2,5     |      | 3206607 | 50 |
| FBS 2-6        | 32 A | 3030336 | 50 |
| FBS 3-6        | 32 A | 3030242 | 50 |
| FBS 4-6        | 32 A | 3030255 | 50 |
| FBS 5-6        | 32 A | 3030349 | 50 |
| FBS 10-6       | 32 A | 3030271 | 10 |
| FBS 20-6       | 32 A | 3030365 | 10 |
| VS             |      | 3004207 | 1  |

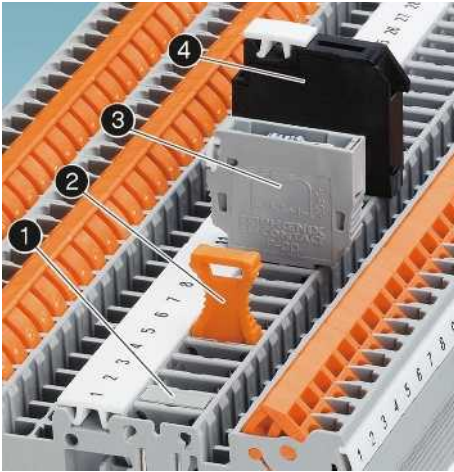
**Screwdriver** SZF 1-0,6X3,5 1204517 10

**Lever labeling**  
**Lateral groove labeling**

UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5)

## QT fast connection terminal blocks

### QTC ...-TG disconnect terminal blocks to accommodate function plugs

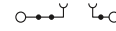


- Triple bridge shaft enables individual potential distribution and supply
- Disconnect terminal block with universal disconnect zone for accommodating isolating plugs, feed-through connectors, component plugs, and fuse plugs
- The P-FIX isolated feed-through connector ① enables the installation of a feed-through terminal of the same shape
- The P-DI isolating plug ② can be used in all disconnect terminal blocks. Following disconnection, the P-DI can be “parked” back to front in the basic terminal block.
- The P-CO component plug ③ is used to accommodate different components such as resistors or diodes
- 5 x 20 mm cartridge fuses can be inserted into the P-FU fuse plug ④. This plug is also available with a light indicator for signaling a tripped fuse.

#### Function plugs

- For detailed information about the function plugs, see page 480

| Notes:                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------|
| 1) The total current of all connected conductors must not exceed the max. load current.                                 |
| 2) If the fuse is faulty, the downstream circuit is not off load.                                                       |
| 3) Observe max. load current.                                                                                           |
| 4) Observe max. load current, depending on the power dissipation of the components. Max. 0.5 W with single arrangement. |
| 5) For max. power dissipation, see page 724.                                                                            |
| 6) Current and voltage are determined by the plug used.                                                                 |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, disconnect terminal block



#### Dimensions

|  |      |
|--|------|
|  | [mm] |
|--|------|

#### Max. electrical data

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

#### Rated data

|                                                           |                          |                   |        |        |   |
|-----------------------------------------------------------|--------------------------|-------------------|--------|--------|---|
| Rated voltage                                             | [V]                      | 400 <sup>6)</sup> | 600    | 600    | - |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | 17.5 / 1.5        | 10 / - | 10 / - | - |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5               | -      | -      | - |
| Cross section range                                       | AWG                      | 24 - 16           | 24-16  | 24-16  | - |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |                   |        |        |   |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 1.5         |        |        |   |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | 0.25 - 0.34       |        |        |   |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 24 - 16           |        |        |   |
| Frequency of connections with the same cross section      |                          | 100               |        |        |   |

#### General data

|                                         |    |
|-----------------------------------------|----|
| Insulating material                     | PA |
| Inflammability class according to UL 94 | V0 |

| Description                              | No. of pos. | Color |
|------------------------------------------|-------------|-------|
| Terminal block, for mounting on NS 35... |             | gray  |

|                                                                                                                |      |
|----------------------------------------------------------------------------------------------------------------|------|
| Cover, width 2.2 mm                                                                                            | gray |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned | gray |

| Plug-in bridge | No. of pos. | Color |
|----------------|-------------|-------|
|                | 2           | red   |
|                | 3           | red   |
|                | 4           | red   |
|                | 5           | red   |
|                | 10          | red   |
|                | 20          | red   |

|                                                                    |      |
|--------------------------------------------------------------------|------|
| Partition plate, 2 mm width                                        | gray |
| Test adapter, 4-mm test socket hole                                | gray |
| Test plug metal part, 2.3 mm Ø                                     |      |
| Insulating sleeve, for MPS metal part                              | red  |
| Modular test plug, for the individual assembly of test plug strips | red  |

|                                                              |        |
|--------------------------------------------------------------|--------|
| Isolating plug <sup>2)</sup>                                 | orange |
| Feed-through connector <sup>3)</sup>                         | gray   |
| Component plug, labeled with ZBF 5 or UC-TMF 5 <sup>4)</sup> | gray   |
| Fuse plug, width 5.2 mm <sup>2)</sup>                        | black  |
| With LED for 12-30 V DC, 0.35-0.95 mA                        | black  |
| For 30-60 V AC/DC, 0.36-0.95 mA                              | black  |
| For 110-250 V AC/DC, 0.4-0.95 mA                             | black  |
| Screwdriver                                                  |        |

|                                    |
|------------------------------------|
| Center groove labeling             |
| Center and lateral groove labeling |

#### Technical data

| Width                | Length               | Height NS 35/7.5          |                |  |
|----------------------|----------------------|---------------------------|----------------|--|
| 5.2                  | 76.4                 | 39.3                      |                |  |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |  |
| 17.5 <sup>6)</sup>   | 400 <sup>6)</sup>    | 0.25 - 1.5                | 24 - 16        |  |
| IEC 60947-7-1        |                      |                           |                |  |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |  |

|    |
|----|
| PA |
| V0 |

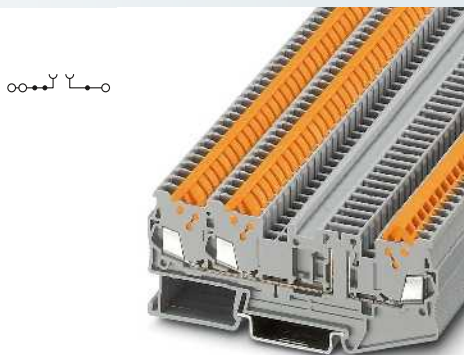
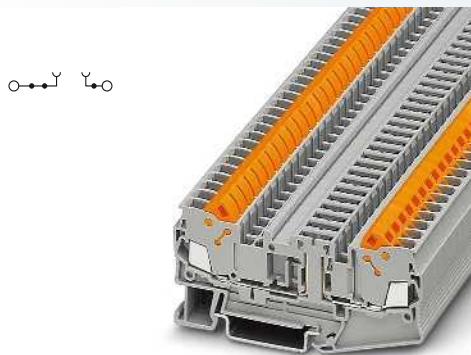
#### Ordering data

| Type       | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
|------------|------------------|-----------|-------------|
| QTC 1,5-TG |                  | 3205145   | 50          |

#### Accessories

| Accessory           | Order No.    | Pcs. |
|---------------------|--------------|------|
| D-QTC 1,5-TWIN      | 3205190      | 50   |
| DS-QTC 1,5          | 3205200      | 50   |
| FBS 2-5             | 24 A 3030161 | 50   |
| FBS 3-5             | 24 A 3030174 | 50   |
| FBS 4-5             | 24 A 3030187 | 50   |
| FBS 5-5             | 24 A 3030190 | 50   |
| FBS 10-5            | 24 A 3030213 | 10   |
| FBS 20-5            | 24 A 3030226 | 10   |
| ATP-QTC TWIN        | 3206212      | 50   |
| PAI-4-N GY          | 3032871      | 10   |
| MPS-MT              | 0201744      | 10   |
| MPS-IH RD           | 0201676      | 10   |
| PS-5                | 3030983      | 10   |
| P-DI                | 3036783      | 50   |
| P-FIX               | 3038956      | 50   |
| P-CO                | 3036796      | 10   |
| P-FU 5X20-5         | 3209235      | 10   |
| P-FU 5X20 LED 24-5  | 3209248      | 10   |
| P-FU 5X20 LED 60-5  | 3209251      | 10   |
| P-FU 5X20 LED 250-5 | 3209264      | 10   |
| SZF 1-0,6X3,5       | 1204517      | 10   |

|                                              |
|----------------------------------------------|
| UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)    |
| UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5) |



2.5 (2.5) mm<sup>2</sup>, 20 A, disconnect terminal block

1.5 (1.5) mm<sup>2</sup>, 17.5 A, disconnect terminal block, 3 connections

UL, ABS, ClassNK

UL

| Technical data       |                      |                           |                |
|----------------------|----------------------|---------------------------|----------------|
| Width                | Length               | Height NS 35/7,5          |                |
| 6.2                  | 82.5                 | 39.3                      |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 20 <sup>0)</sup>     | 400 <sup>0)</sup>    | 0.5 - 2.5                 | 20 - 14        |
| IEC 60947-7-1        |                      |                           |                |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 400 <sup>0)</sup>    | 300                  | 600                       | -              |
| 20 / 2.5             | 15 / -               | 15 / -                    | -              |
| 2.5                  | -                    | -                         | -              |
| 20 - 14              | 20-14                | 20-14                     | -              |
| 0.5 - 2.5            |                      |                           |                |
| -                    |                      |                           |                |
| 20 - 14              |                      |                           |                |
| 100                  |                      |                           |                |
| PA                   |                      |                           |                |
| V0                   |                      |                           |                |

| Technical data           |                      |                           |                |
|--------------------------|----------------------|---------------------------|----------------|
| Width                    | Length               | Height NS 35/7,5          |                |
| 5.2                      | 94                   | 39.3                      |                |
| I <sub>max</sub> [A]     | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 17.5 <sup>1)</sup>       | 400 <sup>0)</sup>    | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-1            |                      |                           |                |
| IEC                      | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 400 <sup>0)</sup>        | -                    | -                         | -              |
| 17.5 <sup>1)</sup> / 1.5 | - / -                | -                         | -              |
| 1.5                      | -                    | -                         | -              |
| 24 - 16                  | -                    | -                         | -              |
| 0.5 - 1.5                |                      |                           |                |
| 0.25 - 0.34              |                      |                           |                |
| 24 - 16                  |                      |                           |                |
| 100                      |                      |                           |                |
| PA                       |                      |                           |                |
| V0                       |                      |                           |                |

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5-TG    |                  | 3206490   | 50          |

| Ordering data   |                  |           |             |
|-----------------|------------------|-----------|-------------|
| Type            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5-TWIN-TG |                  | 3050413   | 50          |

| Accessories      |      |         |    |
|------------------|------|---------|----|
| D-QTC 2,5-TWIN   |      | 3206571 | 50 |
| DS-QTC 2,5       |      | 3206607 | 50 |
| FBS 2-6          | 32 A | 3030336 | 50 |
| FBS 3-6          | 32 A | 3030242 | 50 |
| FBS 4-6          | 32 A | 3030255 | 50 |
| FBS 5-6          | 32 A | 3030349 | 50 |
| FBS 10-6         | 32 A | 3030271 | 10 |
| FBS 20-6         | 32 A | 3030365 | 10 |
| ATP-QTC TWIN     |      | 3206212 | 50 |
| PAI-4-N GY       |      | 3032871 | 10 |
| MPS-MT           |      | 0201744 | 10 |
| MPS-IH RD        |      | 0201676 | 10 |
| PS-6             |      | 3030996 | 10 |
| P-DI             |      | 3036783 | 50 |
| P-FIX            |      | 3038956 | 50 |
| P-CO             |      | 3036796 | 10 |
| P-FU 5X20        |      | 3036806 | 10 |
| P-FU 5X20 LED 24 |      | 3036819 | 10 |
| P-FU 5X20 LED 60 |      | 3036822 | 10 |
| P-FU 5X20 LA 250 |      | 3036835 | 10 |
| SZF 1-0,6X3,5    |      | 1204517 | 10 |

| Accessories         |      |         |    |
|---------------------|------|---------|----|
| D-QTC 1,5-QUATTRO   |      | 3205174 | 50 |
| DS-QTC 1,5          |      | 3205200 | 50 |
| FBS 2-5             | 24 A | 3030161 | 50 |
| FBS 3-5             | 24 A | 3030174 | 50 |
| FBS 4-5             | 24 A | 3030187 | 50 |
| FBS 5-5             | 24 A | 3030190 | 50 |
| FBS 10-5            | 24 A | 3030213 | 10 |
| FBS 20-5            | 24 A | 3030226 | 10 |
| ATP-QTC QUATTRO     |      | 3206225 | 50 |
| PAI-4-N GY          |      | 3032871 | 10 |
| MPS-MT              |      | 0201744 | 10 |
| MPS-IH RD           |      | 0201676 | 10 |
| PS-5                |      | 3030983 | 10 |
| P-DI                |      | 3036783 | 50 |
| P-FIX               |      | 3038956 | 50 |
| P-CO                |      | 3036796 | 10 |
| P-FU 5X20-5         |      | 3209235 | 10 |
| P-FU 5X20 LED 24-5  |      | 3209248 | 10 |
| P-FU 5X20 LED 60-5  |      | 3209251 | 10 |
| P-FU 5X20 LED 250-5 |      | 3209264 | 10 |
| SZF 1-0,6X3,5       |      | 1204517 | 10 |

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

## QT fast connection terminal blocks

### QTC ...-MT knife disconnect terminal blocks

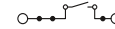


- Compact design and high current-carrying capacity of 20 A
- Triple bridge shaft enables individual potential distribution and supply
- Testing facility on both sides of the disconnect point

#### S-MT switching lock

- The optional switching lock snaps in and effectively prevents accidental switching

| Notes:                                                                                  |
|-----------------------------------------------------------------------------------------|
| 1) The total current of all connected conductors must not exceed the max. load current. |
| 2) Also see page 480.                                                                   |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, knife disconnect terminal block

| Dimensions                                           |                          |
|------------------------------------------------------|--------------------------|
|                                                      | [mm]                     |
| Max. electrical data                                 |                          |
| Rated voltage                                        | [V]                      |
| Nominal current / cross section                      | [A] / [mm <sup>2</sup> ] |
| Rated cross section                                  | [mm <sup>2</sup> ]       |
| Cross section range                                  | AWG                      |
| Rated data                                           |                          |
| Connection cross section in acc. with DIN VDE 0295   |                          |
| H05V(Z) / H07V(Z)                                    | [mm <sup>2</sup> ]       |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]            | [mm <sup>2</sup> ]       |
| [Litz wires Ø ≥ 0.19 mm]                             | AWG                      |
| Frequency of connections with the same cross section |                          |

| Technical data                                       |                      |                           |                |  |
|------------------------------------------------------|----------------------|---------------------------|----------------|--|
| Width                                                | Length               | Height NS 35/7,5          |                |  |
| 5.2                                                  | 76.4                 | 39.3                      |                |  |
| I <sub>max</sub> [A]                                 | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |  |
| 17.5                                                 | 400                  | 0.25 - 1.5                | 24 - 16        |  |
| IEC 60947-7-1                                        |                      |                           |                |  |
| IEC                                                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |  |
| 400                                                  | 600                  | 600                       | -              |  |
| 17.5 / 1.5                                           | 10 / -               | 10 / -                    | -              |  |
| 1.5                                                  | -                    | -                         | -              |  |
| 24 - 16                                              | 24-16                | 24-16                     | -              |  |
| Connection cross section in acc. with DIN VDE 0295   |                      |                           |                |  |
| H05V(Z) / H07V(Z)                                    | [mm <sup>2</sup> ]   | 0.5 - 1.5                 |                |  |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]            | [mm <sup>2</sup> ]   | 0.25 - 0.34               |                |  |
| [Litz wires Ø ≥ 0.19 mm]                             | AWG                  | 24 - 16                   |                |  |
| Frequency of connections with the same cross section |                      | 100                       |                |  |

| General data                            |    |
|-----------------------------------------|----|
| Insulating material                     | PA |
| Inflammability class according to UL 94 | V0 |

| Description                                               | No. of pos. | Color |
|-----------------------------------------------------------|-------------|-------|
| Knife disconnect terminal block, for mounting on NS 35... |             | gray  |

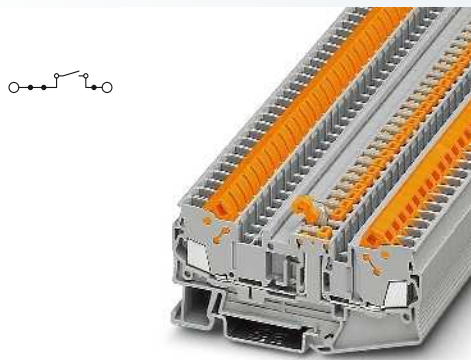
| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5-MT    |                  | 3205103   | 50          |

|                                                                                                                |        |
|----------------------------------------------------------------------------------------------------------------|--------|
| Cover, width 2.2 mm                                                                                            | gray   |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned | gray   |
| Plug-in bridge                                                                                                 |        |
|                                                                                                                | 2 red  |
|                                                                                                                | 3 red  |
|                                                                                                                | 4 red  |
|                                                                                                                | 5 red  |
|                                                                                                                | 10 red |
|                                                                                                                | 20 red |
| Switching lock, plug-in <sup>2)</sup>                                                                          | white  |
| Partition plate, 2 mm width                                                                                    | gray   |
| Test adapter, 4-mm test socket hole                                                                            | gray   |
| Test plug metal part, 2.3 mm Ø                                                                                 |        |
| Insulating sleeve, for MPS metal part                                                                          | red    |
| Modular test plug, for the individual assembly of test plug strips                                             | red    |

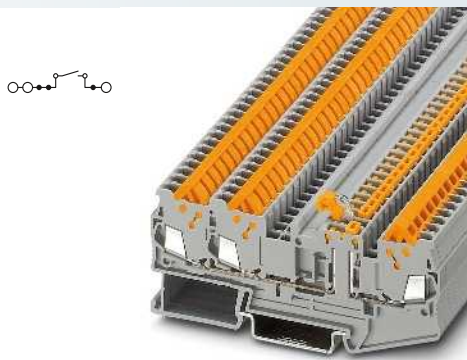
| Accessories    |      |         |    |
|----------------|------|---------|----|
| D-QTC 1,5-TWIN |      | 3205190 | 50 |
| DS-QTC 1,5     |      | 3205200 | 50 |
| FBS 2-5        | 24 A | 3030161 | 50 |
| FBS 3-5        | 24 A | 3030174 | 50 |
| FBS 4-5        | 24 A | 3030187 | 50 |
| FBS 5-5        | 24 A | 3030190 | 50 |
| FBS 10-5       | 24 A | 3030213 | 10 |
| FBS 20-5       | 24 A | 3030226 | 10 |
| S-MT           |      | 3247954 | 50 |
| ATP-QTC TWIN   |      | 3206212 | 50 |
| PAI-4-N GY     |      | 3032871 | 10 |
| MPS-MT         |      | 0201744 | 10 |
| MPS-IH RD      |      | 0201676 | 10 |
| PS-5           |      | 3030983 | 10 |
| SZF 1-0,6X3,5  |      | 1204517 | 10 |

| Screwdriver                        |                                              |
|------------------------------------|----------------------------------------------|
| Center groove labeling             | UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)    |
| Center and lateral groove labeling | UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5) |





2.5 (2.5) mm<sup>2</sup>, 20 A, knife disconnect terminal block



1.5 (1.5) mm<sup>2</sup>, 17.5 A, knife disconnect terminal block, 3 connections

UL, ABS, ClassNK

PC

| Technical data       |                      |                           |                |
|----------------------|----------------------|---------------------------|----------------|
| Width                | Length               | Height NS 35/7,5          |                |
| 6.2                  | 82.5                 | 39.3                      |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 20                   | 400                  | 0.5 - 2.5                 | 20 - 14        |
| IEC 60947-7-1        |                      |                           |                |
| IEC                  | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 400                  | 300                  | 600                       | -              |
| 20 / 2.5             | 15 / -               | 15 / -                    | -              |
| 2.5                  | -                    | -                         | -              |
| 20 - 14              | 20-14                | 20-14                     | -              |
| 0.5 - 2.5            |                      |                           |                |
| -                    |                      |                           |                |
| 20 - 14              |                      |                           |                |
| 100                  |                      |                           |                |

| Technical data           |                      |                           |                |
|--------------------------|----------------------|---------------------------|----------------|
| Width                    | Length               | Height NS 35/7,5          |                |
| 5.2                      | 94                   | 39.3                      |                |
| I <sub>max</sub> [A]     | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 17.5 <sup>1)</sup>       | 400                  | 0.25 - 1.5                | 24 - 16        |
| IEC 60947-7-1            |                      |                           |                |
| IEC                      | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 400                      | -                    | -                         | -              |
| 17.5 <sup>1)</sup> / 1.5 | - / -                | -                         | -              |
| 1.5                      | -                    | -                         | -              |
| 24 - 16                  | -                    | -                         | -              |
| 0.5 - 1.5                |                      |                           |                |
| 0.25 - 0.34              |                      |                           |                |
| 24 - 16                  |                      |                           |                |
| 100                      |                      |                           |                |

PA  
V0

PA  
V0

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 2,5-MT    |                  | 3206487   | 50          |

| Ordering data   |                  |           |             |
|-----------------|------------------|-----------|-------------|
| Type            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTC 1,5-TWIN-MT |                  | 3050407   | 50          |

| Accessories    |      |         |    |
|----------------|------|---------|----|
| D-QTC 2,5-TWIN |      | 3206571 | 50 |
| DS-QTC 2,5     |      | 3206607 | 50 |
| FBS 2-6        | 32 A | 3030336 | 50 |
| FBS 3-6        | 32 A | 3030242 | 50 |
| FBS 4-6        | 32 A | 3030255 | 50 |
| FBS 5-6        | 32 A | 3030349 | 50 |
| FBS 10-6       | 32 A | 3030271 | 10 |
| FBS 20-6       | 32 A | 3030365 | 10 |
| S-MT           |      | 3247954 | 50 |
| ATP-QTC TWIN   |      | 3206212 | 50 |
| PAI-4-N GY     |      | 3032871 | 10 |
| MPS-MT         |      | 0201744 | 10 |
| MPS-IH RD      |      | 0201676 | 10 |
| PS-6           |      | 3030996 | 10 |
| SZF 1-0,6X3,5  |      | 1204517 | 10 |

| Accessories       |      |         |    |
|-------------------|------|---------|----|
| D-QTC 1,5-QUATTRO |      | 3205174 | 50 |
| DS-QTC 1,5        |      | 3205200 | 50 |
| FBS 2-5           | 24 A | 3030161 | 50 |
| FBS 3-5           | 24 A | 3030174 | 50 |
| FBS 4-5           | 24 A | 3030187 | 50 |
| FBS 5-5           | 24 A | 3030190 | 50 |
| FBS 10-5          | 24 A | 3030213 | 10 |
| FBS 20-5          | 24 A | 3030226 | 10 |
| S-MT              |      | 3247954 | 50 |
| ATP-QTC QUATTRO   |      | 3206225 | 50 |
| PAI-4-N GY        |      | 3032871 | 10 |
| MPS-MT            |      | 0201744 | 10 |
| MPS-IH RD         |      | 0201676 | 10 |
| PS-5              |      | 3030983 | 10 |
| SZF 1-0,6X3,5     |      | 1204517 | 10 |

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

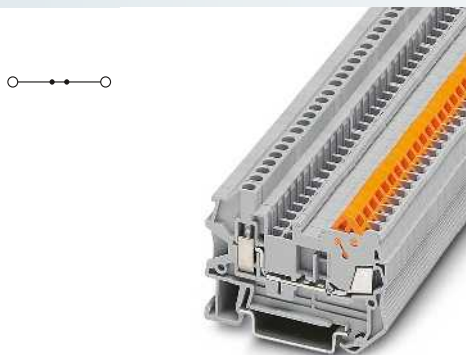
# Modular terminal blocks - CLIPLINE complete

## QT fast connection terminal blocks

### QTCU ... hybrid feed-through terminal blocks with screw connection on one side

- The hybrid variants combine the advantages of the different connection methods
- On the control cabinet side, the time-saving QUICKON fast connection is used
- The screw connection is used on the connection side

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>Notes:</b>                                                                            |
| For more plug-in bridges, see page 472..                                                 |
| 1) The total current of all connected conductors must not exceed the max. load current.  |
| 2) For installation notes on the use of accessories for Ex e applications, see page 710. |

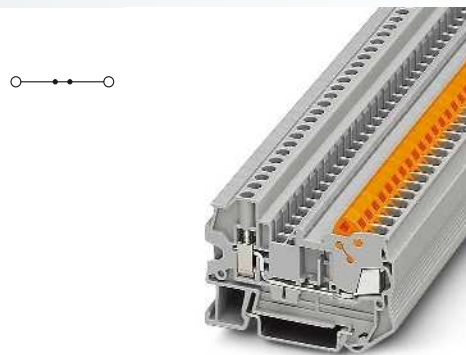


**1.5 (1.5) mm², 17.5 A, feed-through terminal block**



Ex: KEMA 04ATEX2226 U / IECEx KEM 07.0007U

| Technical data                                            |                   |                  |                |  |
|-----------------------------------------------------------|-------------------|------------------|----------------|--|
| Width                                                     | Length            | Height NS 35/7,5 |                |  |
| 5.2                                                       | 58.8              | 42.8             |                |  |
| $I_{max}$ [A]                                             | $U_{max}$ [V]     | max. Ø [mm²]     | AWG            |  |
| 17.5                                                      | 800               | 0.14 - 4         | 26 - 12        |  |
| IEC 60947-7-1                                             |                   |                  |                |  |
| IEC                                                       | UL/CUL            | CSA              | IEC/EN 60079-7 |  |
| Rated voltage [V]                                         | 800               | 600              | 600            |  |
| Nominal current / cross section [A] / [mm²]               | 17.5 / 1.5        | 10 / -           | 10 / -         |  |
| Rated cross section [mm²]                                 | 1.5               | -                | 1.5            |  |
| Cross section range AWG                                   | 24 - 16           | 24-16            | 24 - 16        |  |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                   |                  |                |  |
| H05V(Z) / H07V(Z)                                         | [mm²] 0.5 - 1.5   |                  |                |  |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm²] 0.25 - 0.34 |                  |                |  |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG 24 - 16       |                  |                |  |
| Frequency of connections with the same cross section      | 100               |                  |                |  |



**2.5 (2.5) mm², 24 A, feed-through terminal block**



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U

| Technical data                                            |                 |                  |                |  |
|-----------------------------------------------------------|-----------------|------------------|----------------|--|
| Width                                                     | Length          | Height NS 35/7,5 |                |  |
| 6.2                                                       | 62.6            | 42.8             |                |  |
| $I_{max}$ [A]                                             | $U_{max}$ [V]   | max. Ø [mm²]     | AWG            |  |
| 24                                                        | 800             | 0.14 - 6         | 26 - 10        |  |
| IEC 60947-7-1                                             |                 |                  |                |  |
| IEC                                                       | UL/CUL          | CSA              | IEC/EN 60079-7 |  |
| Rated voltage [V]                                         | 800             | 600              | 600            |  |
| Nominal current / cross section [A] / [mm²]               | 24 / 2.5        | 15 / -           | 15 / -         |  |
| Rated cross section [mm²]                                 | 2.5             | -                | 2.5            |  |
| Cross section range AWG                                   | 20 - 14         | 20-14            | 20-14          |  |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                 |                  |                |  |
| H05V(Z) / H07V(Z)                                         | [mm²] 0.5 - 2.5 |                  |                |  |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm²] -         |                  |                |  |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG 20 - 14     |                  |                |  |
| Frequency of connections with the same cross section      | 100             |                  |                |  |

| Rated data, screw connection                   |            |            |                               |            |
|------------------------------------------------|------------|------------|-------------------------------|------------|
| Rated voltage [V]                              | 800        | 600        | 600                           |            |
| Nominal current / cross section [A] / [mm²]    | 17.5 / 1.5 | 10 / -     | 10 / -                        |            |
| Rated cross section [mm²]                      | 1.5        | -          | 1.5                           |            |
| Cross section range AWG                        | 26 - 12    | 24-16      | 24 - 16                       |            |
| <b>Connection capacity of screw connection</b> |            |            |                               |            |
|                                                | solid      | stranded   | Ferrule                       |            |
|                                                |            |            | Without / with plastic sleeve |            |
| 1 conductor [mm²]                              | 0.14 - 4   | 0.14 - 2.5 | 0.14 - 2.5                    | 0.14 - 2.5 |
| Two conductors (of the same type) [mm²]        | 0.14 - 1.5 | 0.14 - 1.5 | 0.14 - 1.5                    | -          |
| Two conductors with a TWIN ferrule [mm²]       |            |            |                               | 0.5 - 1.5  |
| <b>General data</b>                            |            |            |                               |            |
| Stripping length [mm]                          | 9          |            |                               |            |
| Screw thread                                   | M3         |            |                               |            |
| Tightening torque [Nm]                         | 0.5 - 0.6  |            |                               |            |
| Insulating material                            | PA         |            |                               |            |
| Inflammability class according to UL 94        | V0         |            |                               |            |

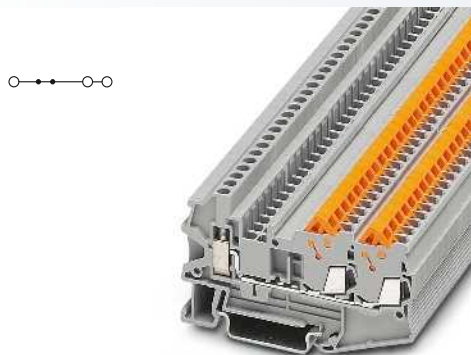
| Rated data, screw connection                   |            |            |                               |           |
|------------------------------------------------|------------|------------|-------------------------------|-----------|
| Rated voltage [V]                              | 800        | 600        | 600                           |           |
| Nominal current / cross section [A] / [mm²]    | 17.5 / 1.5 | 10 / -     | 10 / -                        |           |
| Rated cross section [mm²]                      | 1.5        | -          | 1.5                           |           |
| Cross section range AWG                        | 26 - 12    | 24-16      | 24 - 16                       |           |
| <b>Connection capacity of screw connection</b> |            |            |                               |           |
|                                                | solid      | stranded   | Ferrule                       |           |
|                                                |            |            | Without / with plastic sleeve |           |
| 1 conductor [mm²]                              | 0.14 - 6   | 0.14 - 4   | 0.14 - 4                      | 0.14 - 4  |
| Two conductors (of the same type) [mm²]        | 0.14 - 1.5 | 0.14 - 1.5 | 0.14 - 1.5                    | -         |
| Two conductors with a TWIN ferrule [mm²]       |            |            |                               | 0.5 - 2.5 |
| <b>General data</b>                            |            |            |                               |           |
| Stripping length [mm]                          | 9          |            |                               |           |
| Screw thread                                   | M3         |            |                               |           |
| Tightening torque [Nm]                         | 0.6 - 0.8  |            |                               |           |
| Insulating material                            | PA         |            |                               |           |
| Inflammability class according to UL 94        | V0         |            |                               |           |

| Ordering data                                                                                                  |             |              |
|----------------------------------------------------------------------------------------------------------------|-------------|--------------|
| Description                                                                                                    | No. of pos. | Color        |
| Terminal block, for mounting on NS 35...                                                                       |             | gray         |
| With potential distribution <sup>1)</sup>                                                                      |             | blue<br>gray |
| <b>Cover, width 2.2 mm</b>                                                                                     |             |              |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned |             | gray         |
| <b>Plug-in bridge</b>                                                                                          |             |              |
|                                                                                                                | 2           | red          |
|                                                                                                                | 3           | red          |
|                                                                                                                | 5           | red          |
|                                                                                                                | 20          | red          |
| <b>Vertical potential bridge, to connect the upper and lower level</b>                                         |             |              |
|                                                                                                                |             | black        |
| Partition plate, 2 mm width                                                                                    |             | gray         |
| <b>Center groove labeling</b>                                                                                  |             |              |
| <b>Center and lateral groove labeling</b>                                                                      |             |              |

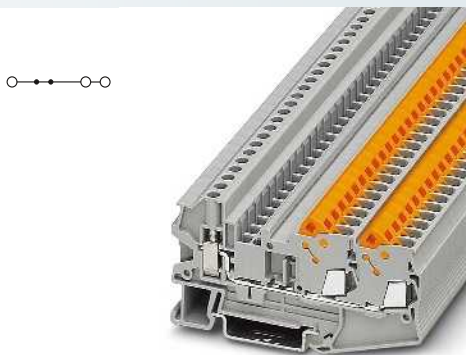
| Ordering data                                                                                                 |           |           |             |
|---------------------------------------------------------------------------------------------------------------|-----------|-----------|-------------|
| Type                                                                                                          | $I_{max}$ | Order No. | Pcs. / Pkt. |
| QTCU 1,5                                                                                                      |           | 3050015   | 50          |
| QTCU 1,5 BU                                                                                                   |           | 3050028   | 50          |
| <b>Accessories<sup>2)</sup></b>                                                                               |           |           |             |
| D-QTCU 1,5                                                                                                    |           | 3206283   | 50          |
| FBS 2-5                                                                                                       | 24 A      | 3030161   | 50          |
| FBS 3-5                                                                                                       | 24 A      | 3030174   | 50          |
| FBS 5-5                                                                                                       | 24 A      | 3030190   | 50          |
| FBS 20-5                                                                                                      | 24 A      | 3030226   | 10          |
| ATP-QTC                                                                                                       |           | 3206209   | 50          |
| <b>UC-TM 5, UCT-TM 5 or ZB 5</b><br>(see Catalog 5)<br><b>UC-TMF 5, UCT-TMF 5 or ZBF 5</b><br>(see Catalog 5) |           |           |             |

| Ordering data                                                                                                 |           |           |             |
|---------------------------------------------------------------------------------------------------------------|-----------|-----------|-------------|
| Type                                                                                                          | $I_{max}$ | Order No. | Pcs. / Pkt. |
| QTCU 2,5                                                                                                      |           | 3206539   | 50          |
| QTCU 2,5 BU                                                                                                   |           | 3206542   | 50          |
| <b>Accessories<sup>2)</sup></b>                                                                               |           |           |             |
| D-QTCU 2,5                                                                                                    |           | 3206597   | 50          |
| FBS 2-6                                                                                                       | 32 A      | 3030336   | 50          |
| FBS 3-6                                                                                                       | 32 A      | 3030242   | 50          |
| FBS 5-6                                                                                                       | 32 A      | 3030349   | 50          |
| FBS 20-6                                                                                                      | 32 A      | 3030365   | 10          |
| ATP-QTC                                                                                                       |           | 3206209   | 50          |
| <b>UC-TM 6, UCT-TM 6 or ZB 6</b><br>(see Catalog 5)<br><b>UC-TMF 6, UCT-TMF 6 or ZBF 6</b><br>(see Catalog 5) |           |           |             |

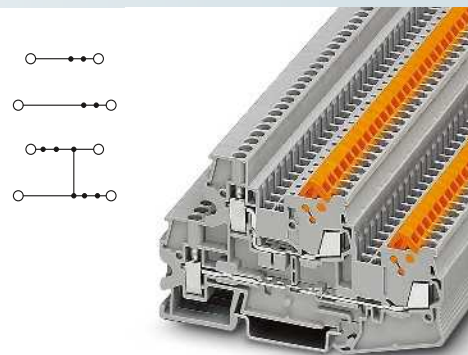
## QT fast connection terminal blocks



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block, 3 connections



2.5 (2.5) mm<sup>2</sup>, 24 A, feed-through terminal block, 3 connections



1.5 (1.5) mm<sup>2</sup>, 17.5 A, double-level terminal block



Ex: KEMA 04ATEX2226 U / IECEx KEM 07.0007U



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U



| Technical data                |                      |                           |                          |
|-------------------------------|----------------------|---------------------------|--------------------------|
| Width                         | Length               | Height NS 35/7,5          |                          |
| 5.2                           | 76.4                 | 42.8                      |                          |
| I <sub>max</sub> [A]          | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                      |
| 17.5 <sup>1)</sup>            | 800                  | 0.14 - 4                  | 26 - 12                  |
| IEC 60947-7-1                 |                      |                           |                          |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7           |
| 800                           | 600                  | -                         | 550                      |
| 17.5 / 1.5                    | 10 / -               | -                         | 17.5 / 1.5 // 17.5 / 1.5 |
| 1.5                           | -                    | -                         | 1.5                      |
| 24 - 16                       | 24-16                | -                         | 24 - 16                  |
| 0.5 - 1.5                     |                      |                           |                          |
| 0.25 - 0.34                   |                      |                           |                          |
| 24 - 16                       |                      |                           |                          |
| 100                           |                      |                           |                          |
| IEC 60947-7-1                 |                      |                           |                          |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7           |
| 800                           | 600                  | -                         | 550                      |
| 17.5 / 1.5                    | 10 / -               | -                         | 17.5 / 1.5 // 17.5 / 1.5 |
| 1.5                           | -                    | -                         | 1.5                      |
| 26 - 12                       | 24-16                | -                         | 26 - 12                  |
| solid                         | stranded             | Ferrule                   |                          |
| Without / with plastic sleeve |                      |                           |                          |
| 0.14 - 4                      | 0.14 - 2.5           | 0.14 - 2.5                | 0.14 - 2.5               |
| 0.14 - 1.5                    | 0.14 - 1.5           | 0.14 - 1.5                | -                        |
| 0.5 - 1.5                     |                      |                           |                          |
| 9                             |                      |                           |                          |
| M3                            |                      |                           |                          |
| 0.5 - 0.6                     |                      |                           |                          |
| PA                            |                      |                           |                          |
| V0                            |                      |                           |                          |

| Technical data                |                      |                           |                      |
|-------------------------------|----------------------|---------------------------|----------------------|
| Width                         | Length               | Height NS 35/7,5          |                      |
| 6.2                           | 82.5                 | 42.8                      |                      |
| I <sub>max</sub> [A]          | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG                  |
| 24 <sup>1)</sup>              | 800                  | 0.14 - 6                  | 26 - 10              |
| IEC 60947-7-1                 |                      |                           |                      |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7       |
| 800                           | 600                  | -                         | 550                  |
| 24 / 2.5                      | 15 / -               | -                         | 22 / 2.5 // 22 / 2.5 |
| 2.5                           | -                    | -                         | 2.5                  |
| 20 - 14                       | 20-14                | -                         | 20 - 14              |
| 0.5 - 2.5                     |                      |                           |                      |
| 20 - 14                       |                      |                           |                      |
| 100                           |                      |                           |                      |
| IEC 60947-7-1                 |                      |                           |                      |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7       |
| 800                           | 600                  | -                         | 550                  |
| 24 / 2.5                      | 15 / -               | -                         | 22 / 2.5 // 22 / 2.5 |
| 2.5                           | -                    | -                         | 2.5                  |
| 26 - 10                       | 20-14                | -                         | 26 - 10              |
| solid                         | stranded             | Ferrule                   |                      |
| Without / with plastic sleeve |                      |                           |                      |
| 0.14 - 6                      | 0.14 - 4             | 0.14 - 4                  | 0.14 - 4             |
| 0.14 - 1.5                    | 0.14 - 1.5           | 0.14 - 1.5                | -                    |
| 0.5 - 2.5                     |                      |                           |                      |
| 9                             |                      |                           |                      |
| M3                            |                      |                           |                      |
| 0.6 - 0.8                     |                      |                           |                      |
| PA                            |                      |                           |                      |
| V0                            |                      |                           |                      |

| Technical data                |                      |                           |                |
|-------------------------------|----------------------|---------------------------|----------------|
| Width                         | Length               | Height NS 35/7,5          |                |
| 5.2                           | 93.5                 | 55.5                      |                |
| I <sub>max</sub> [A]          | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] | AWG            |
| 17.5                          | 500                  | 0.14 - 4                  | 26 - 12        |
| IEC 60947-7-1                 |                      |                           |                |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 500                           | 600                  | 600                       | -              |
| 17.5 / 1.5                    | 10 / -               | 10 / -                    | -              |
| 1.5                           | -                    | -                         | -              |
| 24 - 16                       | 24-16                | 24-16                     | -              |
| 0.5 - 1.5                     |                      |                           |                |
| 0.25 - 0.34                   |                      |                           |                |
| 24 - 16                       |                      |                           |                |
| 100                           |                      |                           |                |
| IEC 60947-7-1                 |                      |                           |                |
| IEC                           | UL/CUL               | CSA                       | IEC/EN 60079-7 |
| 500                           | 600                  | 600                       | -              |
| 17.5 / 1.5                    | 10 / -               | 10 / -                    | -              |
| 1.5                           | -                    | -                         | -              |
| 26 - 12                       | 24-16                | 24-16                     | -              |
| solid                         | stranded             | Ferrule                   |                |
| Without / with plastic sleeve |                      |                           |                |
| 0.14 - 4                      | 0.14 - 2.5           | 0.14 - 2.5                | 0.14 - 2.5     |
| 0.14 - 1.5                    | 0.14 - 1.5           | 0.14 - 1.5                | -              |
| 0.5 - 1.5                     |                      |                           |                |
| 9                             |                      |                           |                |
| M3                            |                      |                           |                |
| 0.5 - 0.6                     |                      |                           |                |
| PA                            |                      |                           |                |
| V0                            |                      |                           |                |

| Ordering data    |                  |           |             |
|------------------|------------------|-----------|-------------|
| Type             | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCU 1,5-TWIN    |                  | 3050044   | 50          |
| QTCU 1,5-TWIN BU |                  | 3050057   | 50          |

| Ordering data    |                  |           |             |
|------------------|------------------|-----------|-------------|
| Type             | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCU 2,5-TWIN    |                  | 3050303   | 50          |
| QTCU 2,5-TWIN BU |                  | 3050316   | 50          |

| Ordering data  |                  |           |             |
|----------------|------------------|-----------|-------------|
| Type           | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTTTCBU 1,5    |                  | 3050264   | 50          |
| QTTTCBU 1,5 BU |                  | 3050280   | 50          |
| QTTTCBU 1,5-PV |                  | 3050361   | 50          |

| Accessories <sup>2)</sup> |      |         |    |
|---------------------------|------|---------|----|
| D-QTCU 1,5-TWIN           |      | 3206296 | 50 |
| DS-QTC 1,5                |      | 3205200 | 50 |
| FBS 2-5                   | 24 A | 3030161 | 50 |
| FBS 3-5                   | 24 A | 3030174 | 50 |
| FBS 5-5                   | 24 A | 3030190 | 50 |
| FBS 20-5                  | 24 A | 3030226 | 10 |
| ATP-QTC TWIN              |      | 3206212 | 50 |

| Accessories <sup>2)</sup> |      |         |    |
|---------------------------|------|---------|----|
| D-QTCU 2,5 TWIN           |      | 3050510 | 50 |
| DS-QTC 2,5                |      | 3206607 | 50 |
| FBS 2-6                   | 32 A | 3030336 | 50 |
| FBS 3-6                   | 32 A | 3030242 | 50 |
| FBS 5-6                   | 32 A | 3030349 | 50 |
| FBS 20-6                  | 32 A | 3030365 | 10 |
| ATP-QTC TWIN              |      | 3206212 | 50 |

| Accessories <sup>2)</sup> |      |         |    |
|---------------------------|------|---------|----|
| D-QTTTCBU 1,5             |      | 3050536 | 50 |
| FBS 2-5                   | 24 A | 3030161 | 50 |
| FBS 3-5                   | 24 A | 3030174 | 50 |
| FBS 5-5                   | 24 A | 3030190 | 50 |
| FBS 20-5                  | 24 A | 3030226 | 10 |
| FBS-PV                    |      | 3032185 | 50 |
| ATP-QTTTCB                |      | 3206238 | 50 |

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

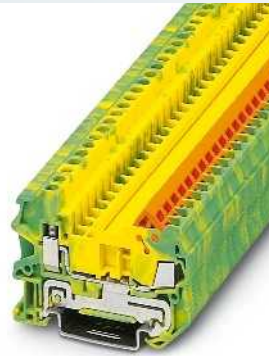
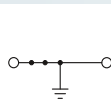
# Modular terminal blocks - CLIPLINE complete

## QT fast connection terminal blocks

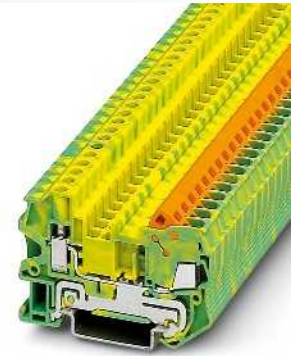
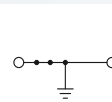
### QTCU ...-PE hybrid ground terminal blocks with screw connection on one side

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met

**Notes:**  
 For current carrying capacity of DIN rails, see page 716.  
 1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm<sup>2</sup>, ground terminal block



2.5 (2.5) mm<sup>2</sup>, ground terminal block

| Dimensions                                                |                          | [mm]        |
|-----------------------------------------------------------|--------------------------|-------------|
| <b>Max. electrical data</b>                               |                          |             |
| <b>Rated data, fast connection</b>                        |                          |             |
| Rated voltage                                             | [V]                      | -           |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | -           |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5         |
| Cross section range                                       | AWG                      | 24 - 16     |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |             |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 1.5   |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | 0.25 - 0.34 |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 24 - 16     |
| Frequency of connections with the same cross section      |                          |             |
| 100                                                       |                          |             |
| <b>Rated data, screw connection</b>                       |                          |             |
| Rated voltage                                             | [V]                      | -           |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | -           |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5         |
| Cross section range                                       | AWG                      | 26 - 12     |
| <b>Connection capacity of screw connection</b>            |                          |             |
| 1 conductor                                               | [mm <sup>2</sup> ]       | 0.14 - 4    |
| Two conductors (of the same type)                         | [mm <sup>2</sup> ]       | 0.14 - 1.5  |
| Two conductors with a TWIN ferrule                        | [mm <sup>2</sup> ]       | 0.14 - 1.5  |
| <b>General data</b>                                       |                          |             |
| Stripping length                                          | [mm]                     | 9           |
| Screw thread                                              |                          | M3          |
| Tightening torque                                         | [Nm]                     | 0.5 - 0.6   |
| Insulating material                                       |                          | PA          |
| Inflammability class according to UL 94                   |                          | V0          |

| Technical data                |            |                           |                |  |
|-------------------------------|------------|---------------------------|----------------|--|
| Width                         | Length     | Height NS 35/7,5          |                |  |
| 5.2                           | 58.8       | 42.8                      |                |  |
|                               |            | max. Ø [mm <sup>2</sup> ] | AWG            |  |
|                               |            | 0.14 - 4                  | 26 - 12        |  |
| IEC 60947-7-2                 |            |                           |                |  |
| IEC                           | UL/CUL     | CSA                       | IEC/EN 60079-7 |  |
| -                             | -          | -                         | -              |  |
| -                             | -          | -                         | -              |  |
| 1.5                           | -          | -                         | 1.5            |  |
| 24 - 16                       | 24-16      | -                         | 24 - 16        |  |
| IEC 60947-7-2                 |            |                           |                |  |
| IEC                           | UL/CUL     | CSA                       | IEC/EN 60079-7 |  |
| -                             | -          | -                         | -              |  |
| -                             | -          | -                         | -              |  |
| 1.5                           | -          | -                         | 1.5            |  |
| 26 - 12                       | 24-16      | -                         | 26 - 12        |  |
| Ferrule                       |            |                           |                |  |
| Without / with plastic sleeve |            |                           |                |  |
| 0.14 - 4                      | 0.14 - 2.5 | 0.14 - 2.5                | 0.14 - 2.5     |  |
| 0.14 - 1.5                    | 0.14 - 1.5 | 0.14 - 1.5                | -              |  |
| 0.5 - 1.5                     |            |                           |                |  |
| 9                             |            |                           |                |  |
| M3                            |            |                           |                |  |
| 0.5 - 0.6                     |            |                           |                |  |
| PA                            |            |                           |                |  |
| V0                            |            |                           |                |  |

| Technical data                |            |                           |                |  |
|-------------------------------|------------|---------------------------|----------------|--|
| Width                         | Length     | Height NS 35/7,5          |                |  |
| 6.2                           | 62.6       | 42.8                      |                |  |
|                               |            | max. Ø [mm <sup>2</sup> ] | AWG            |  |
|                               |            | 0.14 - 6                  | 26 - 10        |  |
| IEC 60947-7-2                 |            |                           |                |  |
| IEC                           | UL/CUL     | CSA                       | IEC/EN 60079-7 |  |
| -                             | -          | -                         | -              |  |
| -                             | -          | -                         | -              |  |
| 2.5                           | -          | -                         | 2.5            |  |
| 20 - 14                       | 20-14      | -                         | 20 - 14        |  |
| IEC 60947-7-2                 |            |                           |                |  |
| IEC                           | UL/CUL     | CSA                       | IEC/EN 60079-7 |  |
| -                             | -          | -                         | -              |  |
| -                             | -          | -                         | -              |  |
| 2.5                           | -          | -                         | 2.5            |  |
| 26 - 10                       | 20-14      | -                         | 26 - 10        |  |
| Ferrule                       |            |                           |                |  |
| Without / with plastic sleeve |            |                           |                |  |
| 0.14 - 6                      | 0.14 - 4   | 0.14 - 4                  | 0.14 - 4       |  |
| 0.14 - 1.5                    | 0.14 - 1.5 | 0.14 - 1.5                | -              |  |
| 0.5 - 2.5                     |            |                           |                |  |
| 9                             |            |                           |                |  |
| M3                            |            |                           |                |  |
| 0.6 - 0.8                     |            |                           |                |  |
| PA                            |            |                           |                |  |
| V0                            |            |                           |                |  |

| Ordering data                                   |             |              |
|-------------------------------------------------|-------------|--------------|
| Description                                     | No. of pos. | Color        |
| Ground terminal block, for mounting on NS 35... |             | green-yellow |

| Ordering data |           |             |
|---------------|-----------|-------------|
| Type          | Order No. | Pcs. / Pkt. |
| QTCU 1,5-PE   | 3050031   | 50          |

| Ordering data |           |             |
|---------------|-----------|-------------|
| Type          | Order No. | Pcs. / Pkt. |
| QTCU 2,5-PE   | 3206555   | 50          |

| Accessories <sup>1)</sup>                                                                                      |    |      |
|----------------------------------------------------------------------------------------------------------------|----|------|
| Cover, width 2.2 mm                                                                                            |    | gray |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned |    | gray |
| <b>Plug-in bridge</b>                                                                                          |    |      |
|                                                                                                                | 2  | red  |
|                                                                                                                | 3  | red  |
|                                                                                                                | 4  | red  |
|                                                                                                                | 5  | red  |
|                                                                                                                | 10 | red  |
|                                                                                                                | 20 | red  |
| Partition plate, 2 mm width                                                                                    |    | gray |
| Modular test plug, for the individual assembly of test plug strips                                             |    | red  |

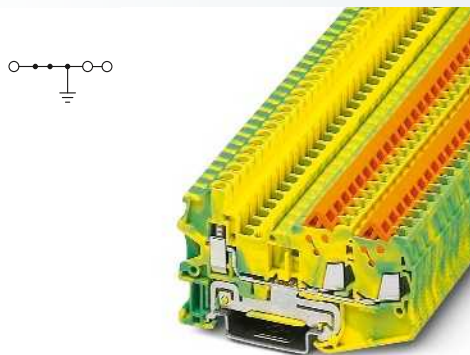
| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTCU 1,5                | 3206283 | 50 |
| FBS 2-5                   | 3030161 | 50 |
| FBS 3-5                   | 3030174 | 50 |
| FBS 4-5                   | 3030187 | 50 |
| FBS 5-5                   | 3030190 | 50 |
| FBS 10-5                  | 3030213 | 10 |
| FBS 20-5                  | 3030226 | 10 |
| ATP-QTC                   | 3206209 | 50 |
| PS-5                      | 3030983 | 10 |

| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTCU 2,5                | 3206597 | 50 |
| FBS 2-6                   | 3030336 | 50 |
| FBS 3-6                   | 3030242 | 50 |
| FBS 4-6                   | 3030255 | 50 |
| FBS 5-6                   | 3030349 | 50 |
| FBS 10-6                  | 3030271 | 10 |
| FBS 20-6                  | 3030365 | 10 |
| ATP-QTC                   | 3206209 | 50 |
| PS-6                      | 3030996 | 10 |

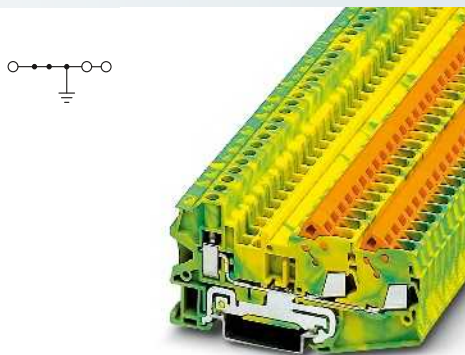
| Center groove labeling             |  |
|------------------------------------|--|
| Center and lateral groove labeling |  |

|                                                 |
|-------------------------------------------------|
| UC-TM 5, UCT-TM 5 or ZB 5<br>(see Catalog 5)    |
| UC-TMF 5, UCT-TMF 5 or ZBF 5<br>(see Catalog 5) |

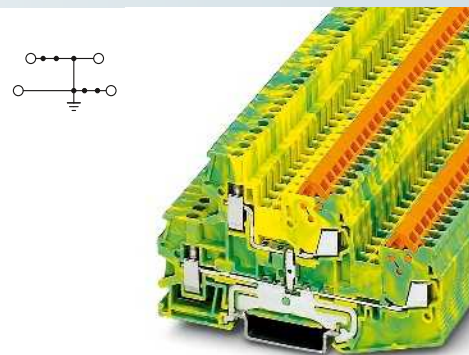
|                                                 |
|-------------------------------------------------|
| UC-TM 6, UCT-TM 6 or ZB 6<br>(see Catalog 5)    |
| UC-TMF 6, UCT-TMF 6 or ZBF 6<br>(see Catalog 5) |



1.5 (1.5) mm<sup>2</sup>, ground terminal block,  
3 connections



2.5 (2.5) mm<sup>2</sup>, ground terminal block,  
3 connections



1.5 (1.5) mm<sup>2</sup>, double-level ground terminal  
block



Ex: KEMA 04ATEX2226 U / IECEx KEM 07.0007U



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U



| Technical data                |            |                           |                    |
|-------------------------------|------------|---------------------------|--------------------|
| Width                         | Length     | Height NS 35/7,5          |                    |
| 5.2                           | 76.4       | 42.8                      |                    |
|                               |            | max. Ø [mm <sup>2</sup> ] | AWG                |
|                               |            | 0.14 - 4                  | 26 - 12            |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 1.5                           | -          | -                         | 1.5                |
| 24 - 16                       | 24-16      | -                         | 24 - 16            |
| 0.5 - 1.5                     |            |                           |                    |
| 0.25 - 0.34                   |            |                           |                    |
| 24 - 16                       |            |                           |                    |
| 100                           |            |                           |                    |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 1.5                           | -          | -                         | 1.5                |
| 26 - 12                       | 24-16      | -                         | 26 - 12            |
| solid                         | stranded   | Ferrule                   |                    |
| Without / with plastic sleeve |            |                           |                    |
| 0.14 - 4                      | 0.14 - 2.5 | 0.14 - 2.5                | 0.14 - 2.5         |
| 0.14 - 1.5                    | 0.14 - 1.5 | 0.14 - 1.5                | -                  |
|                               |            |                           | 0.5 - 1.5          |
| 9                             |            |                           |                    |
| M3                            |            |                           |                    |
| 0.5 - 0.6                     |            |                           |                    |
| PA                            |            |                           |                    |
| V0                            |            |                           |                    |

| Technical data                |            |                           |                    |
|-------------------------------|------------|---------------------------|--------------------|
| Width                         | Length     | Height NS 35/7,5          |                    |
| 6.2                           | 82.5       | 42.8                      |                    |
|                               |            | max. Ø [mm <sup>2</sup> ] | AWG                |
|                               |            | 0.14 - 6                  | 26 - 10            |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 2.5                           | -          | -                         | 2.5                |
| 20 - 14                       | 20-14      | -                         | 20 - 14            |
| 0.5 - 2.5                     |            |                           |                    |
| -                             |            |                           |                    |
| 20 - 14                       |            |                           |                    |
| 100                           |            |                           |                    |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 2.5                           | -          | -                         | 2.5                |
| 26 - 10                       | 20-14      | -                         | 26 - 10            |
| solid                         | stranded   | Ferrule                   |                    |
| Without / with plastic sleeve |            |                           |                    |
| 0.14 - 6                      | 0.14 - 4   | 0.14 - 4                  | 0.14 - 4           |
| 0.14 - 1.5                    | 0.14 - 1.5 | 0.14 - 1.5                | -                  |
|                               |            |                           | 0.5 - 2.5          |
| 9                             |            |                           |                    |
| M3                            |            |                           |                    |
| 0.6 - 0.8                     |            |                           |                    |
| PA                            |            |                           |                    |
| V0                            |            |                           |                    |

| Technical data                |            |                           |                    |
|-------------------------------|------------|---------------------------|--------------------|
| Width                         | Length     | Height NS 35/7,5          |                    |
| 5.2                           | 93.5       | 55.5                      |                    |
|                               |            | max. Ø [mm <sup>2</sup> ] | AWG                |
|                               |            | 0.14 - 4                  | 26 - 12            |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 1.5                           | -          | -                         | 1.5                |
| 24 - 16                       | 24-16      | -                         | 24 - 16            |
| 0.5 - 1.5                     |            |                           |                    |
| 0.25 - 0.34                   |            |                           |                    |
| 24 - 16                       |            |                           |                    |
| 100                           |            |                           |                    |
| IEC 60947-7-2                 |            |                           |                    |
| IEC                           | UL/CUL     | CSA                       | IEC/<br>EN 60079-7 |
| -                             | -          | -                         | -                  |
| 1.5                           | -          | -                         | 1.5                |
| 26 - 12                       | 24-16      | -                         | 26 - 12            |
| solid                         | stranded   | Ferrule                   |                    |
| Without / with plastic sleeve |            |                           |                    |
| 0.14 - 4                      | 0.14 - 2.5 | 0.14 - 2.5                | 0.14 - 2.5         |
| 0.14 - 1.5                    | 0.14 - 1.5 | 0.14 - 1.5                | -                  |
|                               |            |                           | 0.5 - 1.5          |
| 9                             |            |                           |                    |
| M3                            |            |                           |                    |
| 0.5 - 0.6                     |            |                           |                    |
| PA                            |            |                           |                    |
| V0                            |            |                           |                    |

| Ordering data    |           |             |
|------------------|-----------|-------------|
| Type             | Order No. | Pcs. / Pkt. |
| QTCU 1,5-TWIN-PE | 3050060   | 50          |

| Ordering data    |           |             |
|------------------|-----------|-------------|
| Type             | Order No. | Pcs. / Pkt. |
| QTCU 2,5-TWIN-PE | 3050329   | 50          |

| Ordering data |           |             |
|---------------|-----------|-------------|
| Type          | Order No. | Pcs. / Pkt. |
| QTTCBU 1,5-PE | 3050277   | 50          |

| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTCU 1,5-TWIN           | 3206296 | 50 |
| DS-QTC 1,5                | 3205200 | 50 |
| FBS 2-5                   | 3030161 | 50 |
| FBS 3-5                   | 3030174 | 50 |
| FBS 4-5                   | 3030187 | 50 |
| FBS 5-5                   | 3030190 | 50 |
| FBS 10-5                  | 3030213 | 10 |
| FBS 20-5                  | 3030226 | 10 |
| ATP-QTC TWIN              | 3206212 | 50 |
| PS-5                      | 3030983 | 10 |

| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTCU 2,5 TWIN           | 3050510 | 50 |
| DS-QTC 2,5                | 3206607 | 50 |
| FBS 2-6                   | 3030336 | 50 |
| FBS 3-6                   | 3030242 | 50 |
| FBS 4-6                   | 3030255 | 50 |
| FBS 5-6                   | 3030349 | 50 |
| FBS 10-6                  | 3030271 | 10 |
| FBS 20-6                  | 3030365 | 10 |
| ATP-QTC TWIN              | 3206212 | 50 |
| PS-6                      | 3030996 | 10 |

| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTTCBU 1,5              | 3050536 | 50 |
| FBS 2-5                   | 3030161 | 50 |
| FBS 3-5                   | 3030174 | 50 |
| FBS 4-5                   | 3030187 | 50 |
| FBS 5-5                   | 3030190 | 50 |
| FBS 10-5                  | 3030213 | 10 |
| FBS 20-5                  | 3030226 | 10 |
| ATP-QTTCB                 | 3206238 | 50 |
| PS-5                      | 3030983 | 10 |

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)

UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)

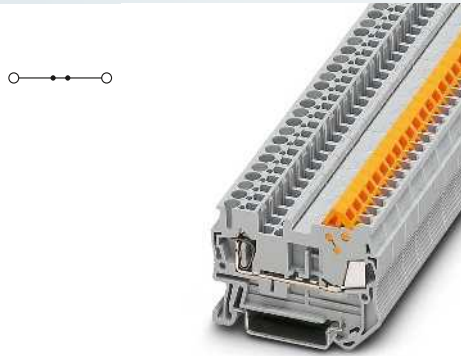
# Modular terminal blocks - CLIPLINE complete

## QT fast connection terminal blocks

### QTCS ... hybrid feed-through terminal blocks with spring-cage connection on one side

- The hybrid variants combine the advantages of the different connection methods
- On the control cabinet side, the time-saving QUICKON fast connection is used
- The spring-cage connection is used on the connection side

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>Notes:</b>                                                                            |
| For more plug-in bridges, see page 472..                                                 |
| 1) The total current of all connected conductors must not exceed the max. load current.  |
| 2) For installation notes on the use of accessories for Ex e applications, see page 710. |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block



Ex: I, II, III ClassNK  
KEMA 04ATEX2226 U / IECEx KEM 07.0007U

#### Technical data

| Width                                                    | Length               | Height NS 35/7,5          |                |                      |
|----------------------------------------------------------|----------------------|---------------------------|----------------|----------------------|
| 5.2                                                      | 54.4                 | 39.3                      |                |                      |
| I <sub>max</sub> [A]                                     | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] |                | AWG                  |
| 17.5                                                     | 800                  | 0.08 - 4                  |                | 28 - 12              |
| IEC 60947-7-1                                            |                      |                           |                |                      |
| IEC                                                      | UL/CUL               | CSA                       | IEC/EN 60079-7 |                      |
| Rated voltage [V]                                        | 800                  | 600                       | -              | 550                  |
| Nominal current / cross section [A] / [mm <sup>2</sup> ] | 17.5 / 1.5           | 10 / -                    | -              | 17 / 1.5 // 17 / 1.5 |
| Rated cross section [mm <sup>2</sup> ]                   | 1.5                  | -                         | -              | 1.5                  |
| Cross section range AWG                                  | 24 - 16              | 24-16                     | -              | 24 - 16              |

| Dimensions                                                |             | [mm] |
|-----------------------------------------------------------|-------------|------|
| <b>Max. electrical data</b>                               |             |      |
| <b>Rated data, fast connection</b>                        |             |      |
| Rated voltage [V]                                         | 800         |      |
| Nominal current / cross section [A] / [mm <sup>2</sup> ]  | 17.5 / 1.5  |      |
| Rated cross section [mm <sup>2</sup> ]                    | 1.5         |      |
| Cross section range AWG                                   | 24 - 16     |      |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |             |      |
| H05V(Z) / H07V(Z)                                         | 0.5 - 1.5   |      |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | 0.25 - 0.34 |      |
| [Litz wires Ø ≥ 0.19 mm]                                  | 24 - 16     |      |
| Frequency of connections with the same cross section      | 100         |      |

| Rated data, spring-cage connection                       |            |            |
|----------------------------------------------------------|------------|------------|
| Rated voltage [V]                                        | 800        |            |
| Nominal current / cross section [A] / [mm <sup>2</sup> ] | 17.5 / 1.5 |            |
| Rated cross section [mm <sup>2</sup> ]                   | 1.5        |            |
| Cross section range AWG                                  | 28 - 12    |            |
| <b>Connection capacity of spring-cage connection</b>     |            |            |
| 1 conductor [mm <sup>2</sup> ]                           | 0.08 - 4   | 0.08 - 2.5 |
| Two conductors with a TWIN ferrule [mm <sup>2</sup> ]    | 0.14 - 2.5 |            |
| <b>General data</b>                                      |            |            |
| Stripping length [mm]                                    | 10         |            |
| Insulating material                                      | PA         |            |
| Inflammability class according to UL 94                  | V0         |            |

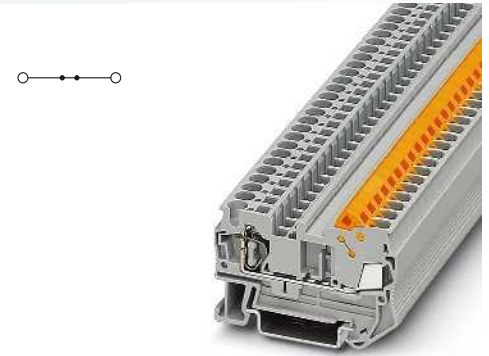
| Description                               | No. of pos. | Color        |
|-------------------------------------------|-------------|--------------|
| Terminal block, for mounting on NS 35...  |             | gray         |
| With potential distribution <sup>1)</sup> |             | blue<br>gray |

| Accessories <sup>2)</sup> |              |    |
|---------------------------|--------------|----|
| <b>D-QTCS 1,5</b>         | 3206270      | 50 |
| <b>FBS 2-5</b>            | 24 A 3030161 | 50 |
| <b>FBS 5-5</b>            | 24 A 3030190 | 50 |
| <b>FBS 20-5</b>           | 24 A 3030226 | 10 |

| Accessories <sup>2)</sup> |         |    |
|---------------------------|---------|----|
| <b>ATP-QTC</b>            | 3206209 | 50 |
| <b>PS-5</b>               | 3030983 | 10 |

| Accessories <sup>2)</sup> |         |    |
|---------------------------|---------|----|
| <b>SZF 1-0,6X3,5</b>      | 1204517 | 10 |

| Accessories <sup>2)</sup>                              |  |  |
|--------------------------------------------------------|--|--|
| <b>UC-TM 5, UCT-TM 5 or ZB 5</b><br>(see Catalog 5)    |  |  |
| <b>UC-TMF 5, UCT-TMF 5 or ZBF 5</b><br>(see Catalog 5) |  |  |



2.5 (2.5) mm<sup>2</sup>, 24 A, feed-through terminal block



Ex: I, II, III ClassNK  
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

#### Technical data

| Width                                                    | Length               | Height NS 35/7,5          |                |                          |
|----------------------------------------------------------|----------------------|---------------------------|----------------|--------------------------|
| 6.2                                                      | 59.7                 | 39.3                      |                |                          |
| I <sub>max</sub> [A]                                     | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ] |                | AWG                      |
| 24                                                       | 800                  | 0.08 - 6                  |                | 28 - 10                  |
| IEC 60947-7-1                                            |                      |                           |                |                          |
| IEC                                                      | UL/CUL               | CSA                       | IEC/EN 60079-7 |                          |
| Rated voltage [V]                                        | 800                  | 600                       | -              | 550                      |
| Nominal current / cross section [A] / [mm <sup>2</sup> ] | 24 / 2.5             | 15 / -                    | -              | 22.5 / 2.5 // 22.5 / 2.5 |
| Rated cross section [mm <sup>2</sup> ]                   | 2.5                  | -                         | -              | 2.5                      |
| Cross section range AWG                                  | 20 - 14              | 20-14                     | -              | 20 - 14                  |

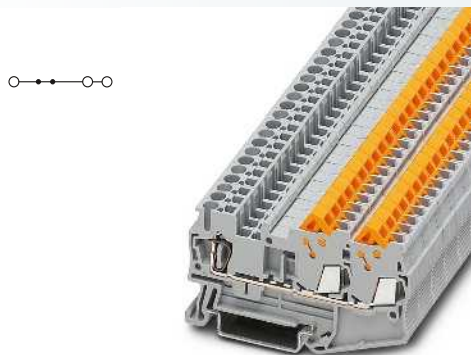
| Rated data, spring-cage connection                       |          |          |
|----------------------------------------------------------|----------|----------|
| Rated voltage [V]                                        | 800      |          |
| Nominal current / cross section [A] / [mm <sup>2</sup> ] | 24 / 2.5 |          |
| Rated cross section [mm <sup>2</sup> ]                   | 2.5      |          |
| Cross section range AWG                                  | 28 - 10  |          |
| <b>Connection capacity of spring-cage connection</b>     |          |          |
| 1 conductor [mm <sup>2</sup> ]                           | 0.08 - 6 | 0.08 - 4 |
| Two conductors with a TWIN ferrule [mm <sup>2</sup> ]    | 0.14 - 4 |          |
| <b>General data</b>                                      |          |          |
| Stripping length [mm]                                    | 10       |          |
| Insulating material                                      | PA       |          |
| Inflammability class according to UL 94                  | V0       |          |

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCS 1,5      |                  | 3050138   | 50          |
| QTCS 1,5 BU   |                  | 3050141   | 50          |

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCS 2,5      |                  | 3206500   | 50          |
| QTCS 2,5 BU   |                  | 3206513   | 50          |

| Ordering data |                  |           |             |
|---------------|------------------|-----------|-------------|
| Type          | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| D-QTCS 2,5    |                  | 3206584   | 50          |
| FBS 2-6       | 32 A             | 3030336   | 50          |
| FBS 5-6       | 32 A             | 3030349   | 50          |
| FBS 20-6      | 32 A             | 3030365   | 10          |

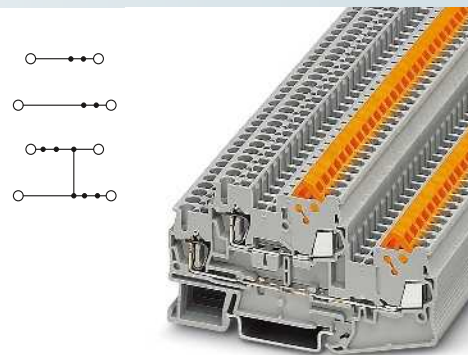
| Ordering data |  |         |    |
|---------------|--|---------|----|
| ATP-QTC       |  | 3206209 | 50 |
| PS-6          |  | 3030996 | 10 |



1.5 (1.5) mm<sup>2</sup>, 17.5 A, feed-through terminal block, 3 connections



2.5 (2.5) mm<sup>2</sup>, 24 A, feed-through terminal block, 3 connections



1.5 (1.5) mm<sup>2</sup>, 17.5 A, double-level terminal block



Ex: KEMA 04ATEX2226 U / IECEx KEM 07.0007U

| Technical data       |                      |                               |                          |
|----------------------|----------------------|-------------------------------|--------------------------|
| Width                | Length               | Height NS 35/7,5              |                          |
| 5.2                  | 71.6                 | 39.3                          |                          |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ]     | AWG                      |
| 17.5 <sup>1)</sup>   | 800                  | 0.08 - 4                      | 28 - 12                  |
| IEC 60947-7-1        |                      |                               |                          |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7           |
| 800                  | 600                  | -                             | 550                      |
| 17.5 / 1.5           | 10 / -               | -                             | 17.5 / 1.5 // 17.5 / 1.5 |
| 1.5                  | -                    | -                             | 1.5                      |
| 24 - 16              | 24-16                | -                             | 24 - 16                  |
| 0.5 - 1.5            |                      |                               |                          |
| 0.25 - 0.34          |                      |                               |                          |
| 24 - 16              |                      |                               |                          |
| 100                  |                      |                               |                          |
| IEC 60947-7-1        |                      |                               |                          |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7           |
| 800                  | 600                  | -                             | 550                      |
| 17.5 / 1.5           | 10 / -               | -                             | 17.5 / 1.5 // 17.5 / 1.5 |
| 1.5                  | -                    | -                             | 1.5                      |
| 28 - 12              | 24-16                | -                             | 28 - 12                  |
| solid                | stranded             | Ferrule                       |                          |
| 0.08 - 4             | 0.08 - 2.5           | Without / with plastic sleeve |                          |
|                      |                      | 0.14 - 2.5                    | 0.14 - 2.5               |
|                      |                      | 0.5                           |                          |
| 10                   |                      |                               |                          |
| PA                   |                      |                               |                          |
| V0                   |                      |                               |                          |



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U

| Technical data       |                      |                               |                          |
|----------------------|----------------------|-------------------------------|--------------------------|
| Width                | Length               | Height NS 35/7,5              |                          |
| 6.2                  | 79.6                 | 39.3                          |                          |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ]     | AWG                      |
| 24 <sup>1)</sup>     | 800                  | 0.08 - 6                      | 28 - 10                  |
| IEC 60947-7-1        |                      |                               |                          |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7           |
| 800                  | 600                  | -                             | 550                      |
| 24 / 2.5             | 15 / -               | -                             | 22.5 / 2.5 // 22.5 / 2.5 |
| 2.5                  | -                    | -                             | 2.5                      |
| 20 - 14              | 20-14                | -                             | 20 - 14                  |
| 0.5 - 2.5            |                      |                               |                          |
| -                    |                      |                               |                          |
| 20 - 14              |                      |                               |                          |
| 100                  |                      |                               |                          |
| IEC 60947-7-1        |                      |                               |                          |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7           |
| 800                  | 600                  | -                             | 550                      |
| 24 / 2.5             | 15 / -               | -                             | 22.5 / 2.5 // 22.5 / 2.5 |
| 2.5                  | -                    | -                             | 2.5                      |
| 28 - 10              | 20-14                | -                             | 28 - 10                  |
| solid                | stranded             | Ferrule                       |                          |
| 0.08 - 6             | 0.08 - 4             | Without / with plastic sleeve |                          |
|                      |                      | 0.14 - 4                      | 0.14 - 4                 |
|                      |                      | 0.5 - 1                       |                          |
| 10                   |                      |                               |                          |
| PA                   |                      |                               |                          |
| V0                   |                      |                               |                          |



| Technical data       |                      |                               |                |
|----------------------|----------------------|-------------------------------|----------------|
| Width                | Length               | Height NS 35/7,5              |                |
| 5.2                  | 88.2                 | 49.9                          |                |
| I <sub>max</sub> [A] | U <sub>max</sub> [V] | max. Ø [mm <sup>2</sup> ]     | AWG            |
| 17.5                 | 500                  | 0.08 - 4                      | 28 - 12        |
| IEC 60947-7-1        |                      |                               |                |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7 |
| 500                  | 600                  | -                             | -              |
| 17.5 / 1.5           | 10 / -               | -                             | -              |
| 1.5                  | -                    | -                             | -              |
| 24 - 16              | 24-16                | -                             | -              |
| 0.5 - 1.5            |                      |                               |                |
| 0.25 - 0.34          |                      |                               |                |
| 24 - 16              |                      |                               |                |
| 100                  |                      |                               |                |
| IEC 60947-7-1        |                      |                               |                |
| IEC                  | UL/CUL               | CSA                           | IEC/EN 60079-7 |
| 500                  | 600                  | -                             | -              |
| 17.5 / 1.5           | 10 / -               | -                             | -              |
| 1.5                  | -                    | -                             | -              |
| 28 - 12              | 24-16                | -                             | -              |
| solid                | stranded             | Ferrule                       |                |
| 0.08 - 4             | 0.08 - 2.5           | Without / with plastic sleeve |                |
|                      |                      | 0.14 - 2.5                    | 0.14 - 2.5     |
|                      |                      | 0.5                           |                |
| 10                   |                      |                               |                |
| PA                   |                      |                               |                |
| V0                   |                      |                               |                |

| Ordering data                                                                                   |                  |           |             |
|-------------------------------------------------------------------------------------------------|------------------|-----------|-------------|
| Type                                                                                            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCS 1,5-TWIN                                                                                   |                  | 3206348   | 50          |
| QTCS 1,5-TWIN BU                                                                                |                  | 3206351   | 50          |
| Accessories <sup>2)</sup>                                                                       |                  |           |             |
| D-QTCS 1,5-TWIN                                                                                 |                  | 3206403   | 50          |
| DS-QTC 1,5                                                                                      |                  | 3205200   | 50          |
| FBS 2-5                                                                                         | 24 A             | 3030161   | 50          |
| FBS 5-5                                                                                         | 24 A             | 3030190   | 50          |
| FBS 20-5                                                                                        | 24 A             | 3030226   | 10          |
| ATP-QTC TWIN                                                                                    |                  | 3206212   | 50          |
| PS-5                                                                                            |                  | 3030983   | 10          |
| SZF 1-0,6X3,5                                                                                   |                  | 1204517   | 10          |
| UC-TM 5, UCT-TM 5 or ZB 5<br>(see Catalog 5)<br>UC-TMF 5, UCT-TMF 5 or ZBF 5<br>(see Catalog 5) |                  |           |             |

| Ordering data                                                                                   |                  |           |             |
|-------------------------------------------------------------------------------------------------|------------------|-----------|-------------|
| Type                                                                                            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTCS 2,5-TWIN                                                                                   |                  | 3050332   | 50          |
| QTCS 2,5-TWIN BU                                                                                |                  | 3050345   | 50          |
| Accessories <sup>2)</sup>                                                                       |                  |           |             |
| D-QTCS 2,5 TWIN                                                                                 |                  | 3050523   | 50          |
| DS-QTC 2,5                                                                                      |                  | 3206607   | 50          |
| FBS 2-6                                                                                         | 32 A             | 3030336   | 50          |
| FBS 5-6                                                                                         | 32 A             | 3030349   | 50          |
| FBS 20-6                                                                                        | 32 A             | 3030365   | 10          |
| ATP-QTC TWIN                                                                                    |                  | 3206212   | 50          |
| PS-6                                                                                            |                  | 3030996   | 10          |
| SZF 1-0,6X3,5                                                                                   |                  | 1204517   | 10          |
| UC-TM 6, UCT-TM 6 or ZB 6<br>(see Catalog 5)<br>UC-TMF 6, UCT-TMF 6 or ZBF 6<br>(see Catalog 5) |                  |           |             |

| Ordering data                                   |                  |           |             |
|-------------------------------------------------|------------------|-----------|-------------|
| Type                                            | I <sub>max</sub> | Order No. | Pcs. / Pkt. |
| QTTCS 1,5                                       |                  | 3050222   | 50          |
| QTTCS 1,5 BU                                    |                  | 3050235   | 50          |
| QTTCS 1,5-PV                                    |                  | 3206380   | 50          |
| Accessories <sup>2)</sup>                       |                  |           |             |
| D-QTTCS 1,5                                     |                  | 3206335   | 50          |
| FBS 2-5                                         | 24 A             | 3030161   | 50          |
| FBS 5-5                                         | 24 A             | 3030190   | 50          |
| FBS 20-5                                        | 24 A             | 3030226   | 10          |
| FBS-PV                                          |                  | 3032185   | 50          |
| ATP-QTTCS                                       |                  | 3206238   | 50          |
| PS-5                                            |                  | 3030983   | 10          |
| SZF 1-0,6X3,5                                   |                  | 1204517   | 10          |
| UC-TMF 5, UCT-TMF 5 or ZBF 5<br>(see Catalog 5) |                  |           |             |

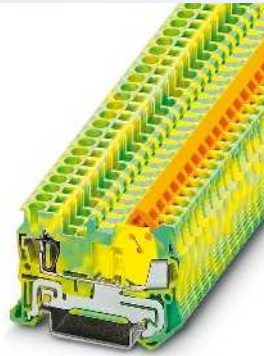
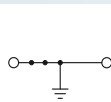
# Modular terminal blocks - CLIPLINE complete

## QT fast connection terminal blocks

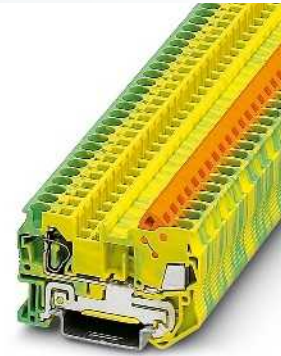
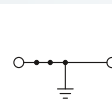
### QTCS ...-PE hybrid ground terminal blocks with spring-cage connection on one side

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met

**Notes:**  
 For current carrying capacity of DIN rails, see page 716.  
 1) For installation notes on the use of accessories for Ex e applications, see page 710.



1.5 (1.5) mm<sup>2</sup>, ground terminal block



2.5 (2.5) mm<sup>2</sup>, ground terminal block

| Dimensions                                                |                          | [mm]        |
|-----------------------------------------------------------|--------------------------|-------------|
| <b>Max. electrical data</b>                               |                          |             |
| <b>Rated data, fast connection</b>                        |                          |             |
| Rated voltage                                             | [V]                      | -           |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | -           |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5         |
| Cross section range                                       | AWG                      | 24 - 16     |
| <b>Connection cross section in acc. with DIN VDE 0295</b> |                          |             |
| H05V(Z) / H07V(Z)                                         | [mm <sup>2</sup> ]       | 0.5 - 1.5   |
| Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]                 | [mm <sup>2</sup> ]       | 0.25 - 0.34 |
| [Litz wires Ø ≥ 0.19 mm]                                  | AWG                      | 24 - 16     |
| Frequency of connections with the same cross section      |                          | 100         |
| <b>Rated data, spring-cage connection</b>                 |                          |             |
| Rated voltage                                             | [V]                      | -           |
| Nominal current / cross section                           | [A] / [mm <sup>2</sup> ] | -           |
| Rated cross section                                       | [mm <sup>2</sup> ]       | 1.5         |
| Cross section range                                       | AWG                      | 28 - 12     |
| <b>Connection capacity of spring-cage connection</b>      |                          |             |
| 1 conductor                                               | [mm <sup>2</sup> ]       | 0.08 - 4    |
| Two conductors with a TWIN ferrule                        | [mm <sup>2</sup> ]       | 0.08 - 2.5  |
| <b>General data</b>                                       |                          |             |
| Stripping length                                          | [mm]                     | 10          |
| Insulating material                                       |                          | PA          |
| Inflammability class according to UL 94                   |                          | V0          |

Ex: 
  
 KEMA 04ATEX2226 U / IECEx KEM 07.0007U

| Technical data |            |                               |                 |  |
|----------------|------------|-------------------------------|-----------------|--|
| Width          | Length     | Height NS 35/7,5              |                 |  |
| 5.2            | 54.4       | 39.3                          |                 |  |
|                |            | max. Ø [mm <sup>2</sup> ]     | AWG             |  |
|                |            | 0.08 - 4                      | 28 - 12         |  |
| IEC 60947-7-2  |            |                               |                 |  |
| IEC            | UL/CUL     | CSA                           | IEC/ EN 60079-7 |  |
| -              | -          | -                             | -               |  |
| -              | -          | -                             | -               |  |
| 1.5            | -          | -                             | 1.5             |  |
| 24 - 16        | 24-16      | -                             | 24 - 16         |  |
| IEC 60947-7-2  |            |                               |                 |  |
| IEC            | UL/CUL     | CSA                           | IEC/ EN 60079-7 |  |
| -              | -          | -                             | -               |  |
| -              | -          | -                             | -               |  |
| 1.5            | -          | -                             | 1.5             |  |
| 28 - 12        | 24-16      | -                             | 28 - 12         |  |
| solid          |            | stranded                      |                 |  |
|                |            | Ferrule                       |                 |  |
|                |            | Without / with plastic sleeve |                 |  |
| 0.08 - 4       | 0.08 - 2.5 | 0.14 - 2.5                    | 0.14 - 2.5      |  |
|                |            | 0.5                           |                 |  |
| 10             |            |                               |                 |  |
| PA             |            |                               |                 |  |
| V0             |            |                               |                 |  |

Ex: 
  
 KEMA 05ATEX2148 U / IECEx KEM 07.0010U

| Technical data |        |                           |                 |  |
|----------------|--------|---------------------------|-----------------|--|
| Width          | Length | Height NS 35/7,5          |                 |  |
| 6.2            | 59.7   | 39.3                      |                 |  |
|                |        | max. Ø [mm <sup>2</sup> ] | AWG             |  |
|                |        | 0.08 - 6                  | 28 - 10         |  |
| IEC 60947-7-2  |        |                           |                 |  |
| IEC            | UL/CUL | CSA                       | IEC/ EN 60079-7 |  |
| -              | -      | -                         | -               |  |
| -              | -      | -                         | -               |  |
| 2.5            | -      | -                         | 2.5             |  |
| 20 - 14        | 20-14  | -                         | 20 - 14         |  |
| 0.5 - 2.5      |        |                           |                 |  |
| -              |        |                           |                 |  |
| 20 - 14        | 100    |                           |                 |  |
| 10             |        |                           |                 |  |
| PA             |        |                           |                 |  |
| V0             |        |                           |                 |  |

| Description                                     | No. of pos. | Color        |
|-------------------------------------------------|-------------|--------------|
| Ground terminal block, for mounting on NS 35... |             | green-yellow |

| Ordering data |           |             |
|---------------|-----------|-------------|
| Type          | Order No. | Pcs. / Pkt. |
| QTCS 1,5-PE   | 3050154   | 50          |

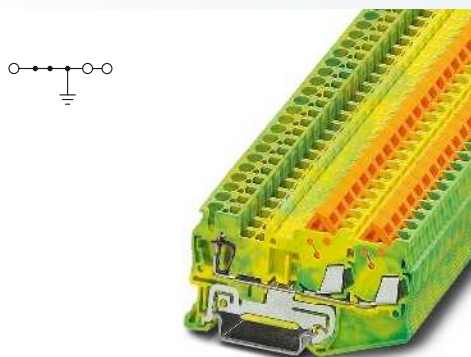
| Ordering data |           |             |
|---------------|-----------|-------------|
| Type          | Order No. | Pcs. / Pkt. |
| QTCS 2,5-PE   | 3206526   | 50          |

| Accessories <sup>1)</sup>                                                                                      |    |      |
|----------------------------------------------------------------------------------------------------------------|----|------|
| Cover, width 2.2 mm                                                                                            |    | gray |
| End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned |    | gray |
| <b>Plug-in bridge</b>                                                                                          |    |      |
|                                                                                                                | 2  | red  |
|                                                                                                                | 3  | red  |
|                                                                                                                | 4  | red  |
|                                                                                                                | 5  | red  |
|                                                                                                                | 10 | red  |
|                                                                                                                | 20 | red  |
| Partition plate, 2 mm width                                                                                    |    | gray |
| Modular test plug, for the individual assembly of test plug strips                                             |    | red  |
| <b>Screwdriver</b>                                                                                             |    |      |
| UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 5)                                                                      |    |      |
| UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 5)                                                                   |    |      |

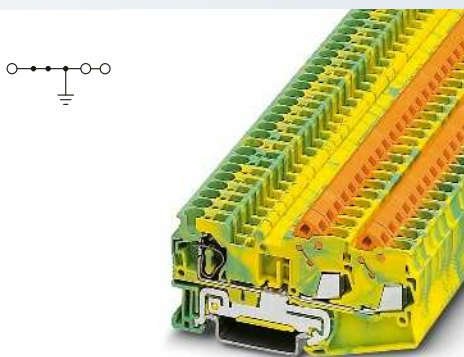
| Accessories <sup>1)</sup> |         |    |
|---------------------------|---------|----|
| D-QTCS 1,5                | 3206270 | 50 |
| FBS 2-5                   | 3030161 | 50 |
| FBS 3-5                   | 3030174 | 50 |
| FBS 4-5                   | 3030187 | 50 |
| FBS 5-5                   | 3030190 | 50 |
| FBS 10-5                  | 3030213 | 10 |
| FBS 20-5                  | 3030226 | 10 |
| ATP-QTC                   | 3206209 | 50 |
| PS-5                      | 3030983 | 10 |
| SZF 1-0,6X3,5             | 1204517 | 10 |

| Accessories <sup>1)</sup>                    |         |    |
|----------------------------------------------|---------|----|
| D-QTCS 2,5                                   | 3206584 | 50 |
| FBS 2-6                                      | 3030336 | 50 |
| FBS 3-6                                      | 3030242 | 50 |
| FBS 4-6                                      | 3030255 | 50 |
| FBS 5-6                                      | 3030349 | 50 |
| FBS 10-6                                     | 3030271 | 10 |
| FBS 20-6                                     | 3030365 | 10 |
| ATP-QTC                                      | 3206209 | 50 |
| PS-6                                         | 3030996 | 10 |
| SZF 1-0,6X3,5                                | 1204517 | 10 |
| UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 5)    |         |    |
| UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 5) |         |    |

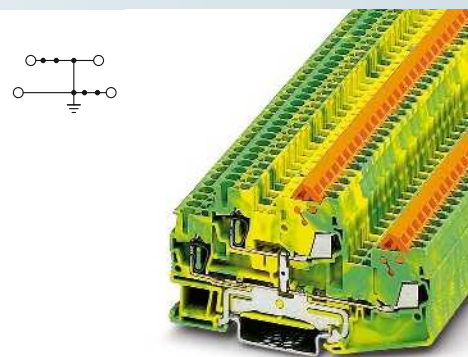




1.5 (1.5) mm<sup>2</sup>, ground terminal block,  
3 connections



2.5 (2.5) mm<sup>2</sup>, ground terminal block,  
3 connections



1.5 (1.5) mm<sup>2</sup>, double-level ground terminal  
block



Ex: KEMA 04ATEX2226 U / IECEx KEM 07.0007U

### Technical data

| Width                     | Length | Height NS 35/7,5 |                    |
|---------------------------|--------|------------------|--------------------|
| 5.2                       | 71.6   | 39.3             |                    |
| max. Ø [mm <sup>2</sup> ] |        | AWG              |                    |
| 0.08 - 4                  |        | 28 - 12          |                    |
| IEC 60947-7-2             |        |                  |                    |
| IEC                       | UL/CUL | CSA              | IEC/<br>EN 60079-7 |
| -                         | -      | -                | -                  |
| 1.5                       | -      | -                | 1.5                |
| 24 - 16                   | 24-16  | -                | 24 - 16            |

0.5 - 1.5  
0.25 - 0.34  
24 - 16  
100

| IEC 60947-7-2 | UL/CUL | CSA | IEC/<br>EN 60079-7 |
|---------------|--------|-----|--------------------|
| -             | -      | -   | -                  |
| 1.5           | -      | -   | 1.5                |
| 28 - 12       | 24-16  | -   | 28 - 12            |

solid stranded Ferrule  
Without / with plastic sleeve  
0.08 - 4 0.08 - 2.5 0.14 - 2.5 0.14 - 2.5  
0.5

10  
PA  
V0

### Ordering data

| Type             | Order No. | Pcs. / Pkt. |
|------------------|-----------|-------------|
| QTCS 1,5-TWIN-PE | 3206364   | 50          |

### Accessories<sup>1)</sup>

|                 |         |    |
|-----------------|---------|----|
| D-QTCS 1,5-TWIN | 3206403 | 50 |
| DS-QTC 1,5      | 3205200 | 50 |
| FBS 2-5         | 3030161 | 50 |
| FBS 3-5         | 3030174 | 50 |
| FBS 4-5         | 3030187 | 50 |
| FBS 5-5         | 3030190 | 50 |
| FBS 10-5        | 3030213 | 10 |
| FBS 20-5        | 3030226 | 10 |
| ATP-QTC TWIN    | 3206212 | 50 |
| PS-5            | 3030983 | 10 |
| SZF 1-0,6X3,5   | 1204517 | 10 |

UC-TM 5, UCT-TM 5 or ZB 5  
(see Catalog 5)  
UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U

### Technical data

| Width                     | Length | Height NS 35/7,5 |                    |
|---------------------------|--------|------------------|--------------------|
| 6.2                       | 79.6   | 39.3             |                    |
| max. Ø [mm <sup>2</sup> ] |        | AWG              |                    |
| 0.08 - 6                  |        | 28 - 10          |                    |
| IEC 60947-7-2             |        |                  |                    |
| IEC                       | UL/CUL | CSA              | IEC/<br>EN 60079-7 |
| -                         | -      | -                | -                  |
| 2.5                       | -      | -                | 2.5                |
| 20 - 14                   | 20-14  | -                | 20 - 14            |

0.5 - 2.5  
-  
20 - 14  
100

| IEC 60947-7-2 | UL/CUL | CSA | IEC/<br>EN 60079-7 |
|---------------|--------|-----|--------------------|
| -             | -      | -   | -                  |
| 2.5           | -      | -   | 2.5                |
| 28 - 10       | 20-14  | -   | 28 - 10            |

solid stranded Ferrule  
Without / with plastic sleeve  
0.08 - 6 0.08 - 4 0.14 - 4 0.14 - 4  
0.5 - 1

10  
PA  
V0

### Ordering data

| Type             | Order No. | Pcs. / Pkt. |
|------------------|-----------|-------------|
| QTCS 2,5-TWIN-PE | 3050358   | 50          |

### Accessories<sup>1)</sup>

|                 |         |    |
|-----------------|---------|----|
| D-QTCS 2,5 TWIN | 3050523 | 50 |
| DS-QTC 2,5      | 3206607 | 50 |
| FBS 2-6         | 3030336 | 50 |
| FBS 3-6         | 3030242 | 50 |
| FBS 4-6         | 3030255 | 50 |
| FBS 5-6         | 3030349 | 50 |
| FBS 10-6        | 3030271 | 10 |
| FBS 20-6        | 3030365 | 10 |
| ATP-QTC TWIN    | 3206212 | 50 |
| PS-6            | 3030996 | 10 |
| SZF 1-0,6X3,5   | 1204517 | 10 |

UC-TM 6, UCT-TM 6 or ZB 6  
(see Catalog 5)  
UC-TMF 6, UCT-TMF 6 or ZBF 6  
(see Catalog 5)



Ex: KEMA 05ATEX2148 U / IECEx KEM 07.0010U

### Technical data

| Width                     | Length | Height NS 35/7,5 |                    |
|---------------------------|--------|------------------|--------------------|
| 5.2                       | 88.2   | 49.9             |                    |
| max. Ø [mm <sup>2</sup> ] |        | AWG              |                    |
| 0.08 - 4                  |        | 28 - 12          |                    |
| IEC 60947-7-2             |        |                  |                    |
| IEC                       | UL/CUL | CSA              | IEC/<br>EN 60079-7 |
| -                         | -      | -                | -                  |
| 1.5                       | -      | -                | 1.5                |
| 24 - 16                   | 24-16  | -                | 24 - 16            |

0.5 - 1.5  
0.25 - 0.34  
24 - 16  
100

| IEC 60947-7-2 | UL/CUL | CSA | IEC/<br>EN 60079-7 |
|---------------|--------|-----|--------------------|
| -             | -      | -   | -                  |
| 1.5           | -      | -   | 1.5                |
| 28 - 12       | 24-16  | -   | 28 - 12            |

solid stranded Ferrule  
Without / with plastic sleeve  
0.08 - 4 0.08 - 2.5 0.14 - 2.5 0.14 - 2.5  
0.5

10  
PA  
V0

### Ordering data

| Type         | Order No. | Pcs. / Pkt. |
|--------------|-----------|-------------|
| QTTCS 1,5-PE | 3050248   | 50          |

### Accessories<sup>1)</sup>

|               |         |    |
|---------------|---------|----|
| D-QTTCS 1,5   | 3206335 | 50 |
| FBS 2-5       | 3030161 | 50 |
| FBS 3-5       | 3030174 | 50 |
| FBS 4-5       | 3030187 | 50 |
| FBS 5-5       | 3030190 | 50 |
| FBS 10-5      | 3030213 | 10 |
| FBS 20-5      | 3030226 | 10 |
| ATP-QTTCS     | 3206238 | 50 |
| PS-5          | 3030983 | 10 |
| SZF 1-0,6X3,5 | 1204517 | 10 |

UC-TMF 5, UCT-TMF 5 or ZBF 5  
(see Catalog 5)