

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Fast/plug-in connection, number of connections: 2, cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, width: 5.2 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- ✓ Ground terminal blocks of the same shape are available
- ✓ Tested for railway applications

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 50 STK                                                                                                  |
| GTIN                                 | <br>4 017918 975791 |
| GTIN                                 | 4017918975791                                                                                           |
| Weight per Piece (excluding packing) | 6.860 g                                                                                                 |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | China                                                                                                   |

### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| Number of levels                       | 1                   |
| Number of connections                  | 2                   |
| Potentials                             | 1                   |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Color                                  | blue                |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |

# Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

## Technical data

### General

|                                                                         |                                                           |
|-------------------------------------------------------------------------|-----------------------------------------------------------|
| Area of application                                                     | Railway industry                                          |
|                                                                         | Machine building                                          |
|                                                                         | Plant engineering                                         |
| Rated surge voltage                                                     | 6 kV                                                      |
| Degree of pollution                                                     | 3                                                         |
| Overvoltage category                                                    | III                                                       |
| Insulating material group                                               | I                                                         |
| Maximum power dissipation for nominal condition                         | 0.56 W                                                    |
| Maximum load current                                                    | 17.5 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub>                                          | 17.5 A                                                    |
| Nominal voltage U <sub>N</sub>                                          | 500 V                                                     |
| Open side panel                                                         | Yes                                                       |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C                                                    |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C                                                    |
| Static insulating material application in cold                          | -60 °C                                                    |
| Behavior in fire for rail vehicles (DIN 5510-2)                         | Test passed                                               |
| Flame test method (DIN EN 60695-11-10)                                  | V0                                                        |
| Oxygen index (DIN EN ISO 4589-2)                                        | >32 %                                                     |
| NF F16-101, NF F10-102 Class I                                          | 2                                                         |
| NF F16-101, NF F10-102 Class F                                          | 2                                                         |
| Surface flammability NFPA 130 (ASTM E 162)                              | passed                                                    |
| Specific optical density of smoke NFPA 130 (ASTM E 662)                 | passed                                                    |
| Smoke gas toxicity NFPA 130 (SMP 800C)                                  | passed                                                    |
| Calorimetric heat release NFPA 130 (ASTM E 1354)                        | 28 MJ/kg                                                  |
| Fire protection for rail vehicles (DIN EN 45545-2) R22                  | HL 1 - HL 3                                               |
| Fire protection for rail vehicles (DIN EN 45545-2) R23                  | HL 1 - HL 3                                               |
| Fire protection for rail vehicles (DIN EN 45545-2) R24                  | HL 1 - HL 3                                               |
| Fire protection for rail vehicles (DIN EN 45545-2) R26                  | HL 1 - HL 3                                               |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 53.5 mm |
| Height NS 35/7,5 | 39.3 mm |
| Height NS 35/15  | 46.8 mm |

### Connection data

|                   |                         |
|-------------------|-------------------------|
| Connection method | Fast/plug-in connection |
|-------------------|-------------------------|

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Technical data

#### Connection data

|                                            |                      |
|--------------------------------------------|----------------------|
| Connection in acc. with standard           | IEC 61984            |
| Conductor cross section solid min.         | 0.25 mm <sup>2</sup> |
| Conductor cross section solid max.         | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.           | 24                   |
| Conductor cross section AWG max.           | 16                   |
| Conductor cross section flexible min.      | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible max.      | 1.5 mm <sup>2</sup>  |
| Min. AWG conductor cross section, flexible | 24                   |
| Max. AWG conductor cross section, flexible | 16                   |
| Internal cylindrical gage                  | A3                   |
| Material wire insulation                   | PVC / PE             |
| Max. wire diameter incl. insulation        | 3 mm                 |

#### Standards and Regulations

|                                                        |                                                 |
|--------------------------------------------------------|-------------------------------------------------|
| Connection in acc. with standard                       | CSA                                             |
|                                                        | IEC 61984                                       |
| Flammability rating according to UL 94                 | V0                                              |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 |

#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

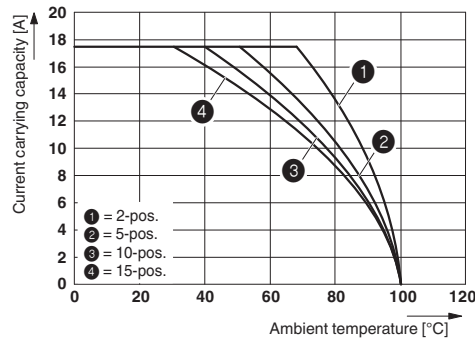
### Drawings

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

Circuit diagram



Diagram



The figure shows the derating curve of the QTC 1,5/ 1P... terminal block in connection with the QP 1,5 plug

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141130 |
| eCl@ss 4.1 | 27141130 |
| eCl@ss 5.0 | 27141130 |
| eCl@ss 5.1 | 27141130 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |
| eCl@ss 9.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |
| ETIM 6.0 | EC000897 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Approvals

#### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / GL / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                                |                                                                                   |                                                                                                                                         |       |
|--------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                                | B                                                                                 | C                                                                                                                                       |       |
| mm²/AWG/kcmil                  | 24-16                                                                             | 24-16                                                                                                                                   |       |
| Nominal current I <sub>N</sub> | 10 A                                                                              | 10 A                                                                                                                                    |       |
| Nominal voltage U <sub>N</sub> | 600 V                                                                             | 600 V                                                                                                                                   |       |

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                   | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 24-16                                                                               | 24-16                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 10 A                                                                                | 10 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                 |              |

|                                |                                                                                     |                                                                                                                                                       |              |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized                 |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                   | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 24-16                                                                               | 24-16                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 10 A                                                                                | 10 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 600 V                                                                               | 600 V                                                                                                                                                 |              |

|    |                                                                                     |                                                                           |            |
|----|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|
| GL |  | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | 6003009 HH |
|----|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Approvals

|                  |                                                                                   |                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| EAC              |  | EAC-Zulassung                                                                                                                                         |
| EAC              |  | 7500651.22.01.00246                                                                                                                                   |
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |

### Accessories

#### Accessories

#### Coding element

Coding star - PC - 3040588



Coding star, length: 3 mm, width: 3 mm, height: 6 mm, color: red

---

### Component plug terminal block

Component connector - P-CO 2-5 R47K - 3032447



Component connector, with 47 kOhm resistor for open circuit monitoring, pitch: 5.2 mm, length: 8.9 mm, width: 4.1 mm, height: 34.8 mm, number of positions: 2, color: black

---

### DIN rail

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, Galvanized, white passivated, length: 2000 mm, color: white

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, Galvanized, white passivated, length: 2000 mm, color: white

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Aluminum, uncoated, length: 2000 mm, color: silver

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, in acc. with EN 60715: 2001, material: Copper, uncoated, length: 2000 mm, color: copper-colored

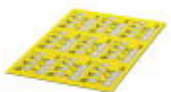
End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

### Documentation

Mounting material - QTC-IL - 3039926



Operating decal for the QTS terminal block

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### End block

End clamp - E/AL-NS 35 - 1201662



End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

---

#### End cover

End cover - D-QTC 1,5/1P - 3206322



End cover, length: 53.5 mm, width: 2.2 mm, height: 39.3 mm, color: gray

---

#### Flange

Screw flange - QTC 1,5/1P-F - 3061211



Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

---

#### Jumper

Plug-in bridge - FBS 2-5 - 3030161



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 9 mm, number of positions: 2, color: red

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Plug-in bridge - FBS 3-5 - 3030174



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 14.2 mm, number of positions: 3, color: red

---

Plug-in bridge - FBS 4-5 - 3030187



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 19.4 mm, number of positions: 4, color: red

---

Plug-in bridge - FBS 5-5 - 3030190



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 24.6 mm, number of positions: 5, color: red

---

Plug-in bridge - FBS 10-5 - 3030213



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 50.6 mm, number of positions: 10, color: red

---

Plug-in bridge - FBS 20-5 - 3030226



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: red

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Plug-in bridge - FBSR 2-5 - 3033702



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: red

---

Plug-in bridge - FBSR 3-5 - 3001591



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: red

---

Plug-in bridge - FBSR 4-5 - 3001592



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: red

---

Plug-in bridge - FBSR 5-5 - 3001593



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: red

---

Plug-in bridge - FBSR 10-5 - 3033710



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: red

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Plug-in bridge - FBS 2-5 BU - 3036877



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: blue

---

Plug-in bridge - FBS 3-5 BU - 3036880



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: blue

---

Plug-in bridge - FBS 4-5 BU - 3036893



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: blue

---

Plug-in bridge - FBS 5-5 BU - 3036903



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: blue

---

Plug-in bridge - FBS 10-5 BU - 3036916



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: blue

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Plug-in bridge - FBS 20-5 BU - 3036929



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: blue

Plug-in bridge - FBS 50-5 BU - 3032114



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: blue

### Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

Zack marker strip - ZB 5,LGS:FORTL.ZAHLEN - 1050017



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

Zack marker strip - ZB 5,QR:FORTL.ZAHLEN - 1050020



## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Zack marker strip - ZB 5,LGS:GLEICHE ZAHLEN - 1050033



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

#### Marker for terminal blocks - ZB 5,LGS:L1-N,PE - 1050415



Marker for terminal blocks, Strip, white, labeled, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

#### Marker for terminal blocks - UC-TM 5 CUS - 0824581



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 10.5 x 4.6 mm

#### Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm

#### Zack Marker strip, flat - ZBF 5 CUS - 0825025



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm

---

### Partition plate

Partition plate - ATP-QTC - 3206209



Partition plate, length: 64.4 mm, width: 2 mm, height: 46 mm, color: gray

---

Spacer plate - DP PS-5 - 3036725



Spacer plate, length: 22.4 mm, width: 5.2 mm, height: 29 mm, number of positions: 1, color: red

---

### Reducing bridge

Reducing bridge - RB ST (2,5/4)-1,5 - 3038943



Reducing bridge, pitch: 7.1 mm, length: 22.7 mm, width: 10.4 mm, number of positions: 2, color: red

---

### Screwdriver tools

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

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



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

---

### Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm

---

Marker for terminal blocks - UC-TM 5 - 0818108



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 10.5 x 4.6 mm

---

Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm

---

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm

#### Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm

### Test plug terminal block

#### Test plugs - PS-4/E - 3036709



Test plugs, color: red

#### Test plugs - PS-5 - 3030983



Test plugs, color: red

#### Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, color: red

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Test socket

Test adapter - PAI-4-FIX-5/6 BU - 3035975



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 OG - 3035974



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 YE - 3035977



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 RD - 3035976



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 GN - 3035978



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Test adapter - PAI-4-FIX-5/6 BK - 3035980



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 GY - 3035982



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 VT - 3035979



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 BN - 3035981



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

Test adapter - PAI-4-FIX-5/6 WH - 3035983



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

---

### Additional products

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SP 2,5/ 1 - 3040258



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 2 - 3040261



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 2, number of positions: 2, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 10.4 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 3 - 3040274



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 3, number of positions: 3, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 15.6 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 4 - 3040287



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 4, number of positions: 4, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 20.8 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 5 - 3040290



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 5, number of positions: 5, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 26 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SP 2,5/ 6 - 3040300



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 6, number of positions: 6, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 31.2 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 7 - 3040313



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 7, number of positions: 7, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 36.4 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 8 - 3040326



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 8, number of positions: 8, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 41.6 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/ 9 - 3040339



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 9, number of positions: 9, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 46.8 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/10 - 3040342



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 10, number of positions: 10, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 52 mm, height: 39 mm, color: gray

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SP 2,5/11 - 3040355



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 11, number of positions: 11, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 57.2 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/12 - 3040368



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 12, number of positions: 12, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 62.4 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/13 - 3040371



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 13, number of positions: 13, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 67.6 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/14 - 3040384



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 14, number of positions: 14, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 72.8 mm, height: 39 mm, color: gray

---

#### Plug - SP 2,5/15 - 3040397



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 15, number of positions: 15, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 78 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SP 2,5/ 1 BU - 3040698



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: blue

---

#### Plug - SP 2,5/ 1 GNYE - 3040708



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: green-yellow

---

#### Plug - SPB 2,5/ 1 - 3040106



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 2 - 3040119



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 2, number of positions: 2, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 10.4 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 3 - 3040122



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 3, number of positions: 3, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 15.6 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPB 2,5/ 4 - 3040135



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 4, number of positions: 4, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 20.8 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 5 - 3040143



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 5, number of positions: 5, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 26 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 6 - 3040151



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 6, number of positions: 6, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 31.2 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 7 - 3040164



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 7, number of positions: 7, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 36.4 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 8 - 3040177



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 8, number of positions: 8, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 41.6 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPB 2,5/ 9 - 3040180



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 9, number of positions: 9, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 46.8 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/10 - 3040193



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 10, number of positions: 10, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 52 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/11 - 3040203



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 11, number of positions: 11, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 57.2 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/12 - 3040216



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 12, number of positions: 12, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 62.4 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/13 - 3040229



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 13, number of positions: 13, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 67.6 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPB 2,5/14 - 3040232



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 14, number of positions: 14, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 72.8 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/15 - 3040245



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 15, number of positions: 15, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 78 mm, height: 39 mm, color: gray

---

#### Plug - SPB 2,5/ 1 BU - 3040724



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: blue

---

#### Plug - SPB 2,5/ 1 GNYE - 3040711



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: green-yellow

---

#### Plug - SPDB 2,5/ 1 - 3040407



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPDB 2,5/ 2 - 3040410



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 2, number of positions: 2, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 10.4 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 3 - 3040423



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 3, number of positions: 3, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 15.6 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 4 - 3040436



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 4, number of positions: 4, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 20.8 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 5 - 3040449



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 5, number of positions: 5, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 26 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 6 - 3040452



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 6, number of positions: 6, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 31.2 mm, height: 39 mm, color: gray

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPDB 2,5/ 7 - 3040465



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 7, number of positions: 7, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 36.4 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 8 - 3040478



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 8, number of positions: 8, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 41.6 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 9 - 3040481



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 9, number of positions: 9, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 46.8 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/10 - 3040494



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 10, number of positions: 10, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 52 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/11 - 3040504



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 11, number of positions: 11, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 57.2 mm, height: 39 mm, color: gray

---

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

#### Plug - SPDB 2,5/12 - 3040517



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 12, number of positions: 12, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 62.4 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/13 - 3040520



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 13, number of positions: 13, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 67.6 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/14 - 3040533



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 14, number of positions: 14, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 72.8 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/15 - 3040546



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 15, number of positions: 15, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 78 mm, height: 39 mm, color: gray

---

#### Plug - SPDB 2,5/ 1 BU - 3040737



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: blue

## Feed-through terminal block - QTC 1,5/ 1P BU - 3050086

### Accessories

Plug - SPDB 2,5/ 1 GNYE - 3040740



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Spring-cage connection, Plug connection, number of connections: 1, number of positions: 1, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, width: 5.2 mm, height: 39 mm, color: green-yellow