

ST 10

Order No.: 3036110

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036110>Feed-through terminal blocks with spring-cage connection, cross
section: 1.5 - 10 mm², width: 10 mm, color: gray

| Commercial data | |
|--------------------------|-------------------|
| EAN | 4017918819088 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.026232 KG |
| Catalog page information | Page 58 (CL-2007) |

Product notes

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

<http://www.download.phoenixcontact.com>
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Technical data**General**

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

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

Dimensions

| | |
|------------------|---------|
| Width | 10 mm |
| Length | 71.5 mm |
| Height NS 35/7,5 | 50.5 mm |
| Height NS 35/15 | 58 mm |

Technical data

| | |
|----------------------------------|--|
| Maximum load current | 65 A (with 16 mm ² conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal voltage U _N | 800 V |
| Open side panel | ja |

Connection data

| | |
|---|------------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 10 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 6 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 10 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Type of connection | Spring-cage connection |

| | |
|---------------------------|-------|
| Stripping length | 18 mm |
| Internal cylindrical gage | A6 |

Certificates / Approvals

Approval logo



CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 65 A |
| AWG/kcmil | 16-6 |

UL

| | |
|-----------------------|---|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 65 A |
| AWG/kcmil | 16-6 |
| Certification | BV, CB, CUL, DNV, GL, KR, LR, NK, UL, VDE-PZI |

requested approbations

| | |
|-------------------|----------------|
| Certification Ex: | IECEX, KEMA-EX |
|-------------------|----------------|

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 3036644 | D-ST 10 | Cover, width: 2.2 mm, color: gray |
| Bridges | | |
| 3005947 | FBS 2-10 | Plug-in bridge for cross connections in the bridge shaft, 2-pos., color: Red |
| Marking | | |
| 0807999 | WAZ 10 | Warning cover, for the operating shafts of the ST "mini-spring" spring-cage terminal block, width: 10 mm, color: yellow |
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |

| | | |
|---------|------------------------|---|
| 1053001 | ZB 10:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 10.2 mm, color: White |
| 5060883 | ZB10/WH-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 10.2 mm, color: White |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

| | | |
|---------|------------------|--|
| 0201689 | MPS-IH BU | Insulating sleeve (blue), for MPS metal part to be ordered separately (0201744) |
| 0201676 | MPS-IH RD | Insulating sleeve (red), for MPS metal part to be ordered separately (0201744) |
| 0201663 | MPS-IH WH | Insulating sleeve (white), for MPS metal part to be ordered separately (0201744) |
| 0201744 | MPS-MT | Test plug, consisting of: Metal part for 2.3 mm diameter socket hole |
| 3030925 | PAI-4 | Test adapter, for 4 mm diameter test plug PS and safety test plug, makes contact in the bridge shaft |
| 3030873 | RB ST 10-(2,5/4) | Adapter bridge, for connecting ST-10 spring-cage terminal blocks with ST-2.5 or ST-4 spring-cage terminal blocks |

Tools

| | | |
|---------|---------------|---|
| 1206612 | SZF 3-1,0X5,5 | Screwdriver, blade: 1.0 x 5.5 x 100 mm, length 180 mm |
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