


ST 35

Order No.: 3036178

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036178>

Spring-cage feed-through terminal block, Type of connection: Spring-cage connection, Cross section: 2.5 mm² - 35 mm², AWG 14 - 2, Width: 16 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

**Commercial data**

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 821043 |
| sales group | A600 |
| Pack | 10 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 77 (CL-2009) |

Product notes

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



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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 | 16 mm |
| Length | 100 mm |
| Height NS 35/7.5 | 59 mm |
| Height NS 35/15 | 66.5 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 125 A (with 35 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 current I _N | 125 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | nein |

Connection data

| | |
|---|---------------------|
| Conductor cross section solid min. | 2.5 mm ² |
| Conductor cross section solid max. | 35 mm ² |
| Conductor cross section stranded min. | 2.5 mm ² |
| Conductor cross section stranded max. | 35 mm ² |
| Conductor cross section AWG/kcmil min. | 14 |
| Conductor cross section AWG/kcmil max | 2 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 35 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 35 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm ² |

| | |
|---------------------------|------------------------|
| Type of connection | Spring-cage connection |
| Stripping length | 25 mm |
| Internal cylindrical gage | A8 |

Certificates / Approvals



Certification BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex: IECEX, KEMA-EX

Accessories

| Item | Designation | Description |
|----------------|------------------|--|
| Bridges | | |
| 3005963 | FBS 2-16 | Plug-in bridge, Number of positions: 2, Color: red |
| 3030899 | RB ST 35-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
| Marking | | |
| 0819217 | UC-TM 16 | UniCard sheets, for labeling terminal blocks using a Zack marker strip groove, 32-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White |
| 0824621 | UC-TM 16 CUS | UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements |
| 0819262 | UC-TMF 16 | UniCard sheets, for labeling terminals using a flat Zack marker strip groove, 32-section, can be labeled with BLUEMARK X1 and CMS-P1-PLOTTER, color: White |
| 0824678 | UC-TMF 16 CUS | UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements |
| 0827463 | ZB 16 CUS | Terminal block marking, can be labeled as per customer specifications |
| 0827461 | ZB 16:UNPRINTED | |
| 0827465 | ZBF 16 CUS | Terminal block marking, can be labeled as per customer specifications |
| 0827464 | ZBF 16:UNPRINTED | |

Plug/Adapter

| | | |
|---------|-----------|----------------------------------|
| 0201731 | MPS-IH BK | Insulating sleeve, Color: black |
| 0201689 | MPS-IH BU | Insulating sleeve, Color: blue |
| 0201702 | MPS-IH GN | Insulating sleeve, Color: green |
| 0201728 | MPS-IH GY | Insulating sleeve, Color: gray |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red |
| 0201715 | MPS-IH VT | Insulating sleeve, Color: violet |
| 0201663 | MPS-IH WH | Insulating sleeve, Color: white |
| 0201692 | MPS-IH YE | Insulating sleeve, Color: yellow |
| 0201744 | MPS-MT | Test plugs |

Tools

| | | |
|---------|---------------|---|
| 1206612 | SZF 3-1,0X5,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip |
|---------|---------------|---|

Diagrams/Drawings

Circuit diagram



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