# ST 4-FSI/C-LED 12

Order No.: 3036495

The illustration shows version ST 4-/C-LED 24

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Fuse terminal block with LED for mounting on NS 35, for miniature circuit breakers, terminal width: 8.2 mm, color: Black

## Commercial data

| | |
|---|---|
| EAN | 4017918890452 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.02113 KG |
| Catalog page information | Page 96 (CL-2007) |

### Product notes

WEEE/RoHS-compliant since: 09/01/2006

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## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | black |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

| Width | 8.2 mm |
|---|---|
| Length | 86.5 mm |
| Height NS 35/7,5 | 43.5 mm |
| Height NS 35/15 | 51 mm |

**Technical data**

| Fuse | C |
|---|---|
| Fuse type | Flat |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Nominal current $I_N$ | 30 A |
| Nominal voltage $U_N$ | 400 V |
| Power loss | (on request) |
| Maximum current with single arrangement | 30 A |
| Voltage LED | 12 V DC |
| Current LED | 2 mA |

**Connection data**

| Conductor cross section solid min. | 0.08 mm$^2$ |
|---|---|
| Conductor cross section solid max. | 6 mm$^2$ |
| Conductor cross section stranded min. | 0.08 mm$^2$ |
| Conductor cross section stranded max. | 4 mm$^2$ |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm$^2$ |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 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. | 4 mm$^2$ |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm$^2$ |

| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm$^2$ |
|---|---|
| Type of connection | Spring-cage connection |
| Stripping length | 10 mm |
| Internal cylindrical gage | A4 |

## Certificates / Approvals

Approval logo



### CUL

| Nominal voltage $U_N$ | 300 V |
|---|---|
| Nominal current $I_N$ | 30 A |
| AWG/kcmil | 28-10 |

### UL

| Nominal voltage $U_N$ | 300 V |
|---|---|
| Nominal current $I_N$ | 30 A |
| AWG/kcmil | 28-10 |
| Certification | CUL, GOST, UL |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Bridges** | | |
| 3030284 | FBS 2-8 | Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red |
| 3030297 | FBS 3-8 | Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red |
| 3030307 | FBS 4-8 | Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red |
| 3030310 | FBS 5-8 | Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red |
| 3030323 | FBS 10-8 | Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red |

**Marking**

| | | |
|---|---|---|
| 1052125 | ZB 8,LGS:1-9 | Zack marker strip, printed horizontally: 9-section, with consecutive numbers 1 -9 |
| 1052015 | ZB 8,LGS:FORTL.ZAHLEN | Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white |
| 1052413 | ZB 8,LGS:L1-N,PE | Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white |
| 1052028 | ZB 8,QR:FORTL.ZAHLEN | Zack strip, 10-section, printed vertically: with consecutive numbers, 1-10, 11-20 a.s.o. up to 991-1000, color: white |
| 1052044 | ZB 8,QR:GLEICHE ZAHLEN | Zack strip, 10-section, printed vertically: with identical numbers, 1/1/1, 2/2/2 etc. up to 100/100/100, color: white |
| 5062483 | ZB 8/BU-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, color: blue |
| 5062496 | ZB 8/GN-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, color: green |
| 1053195 | ZB 8/OG-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, color: orange |
| 5062506 | ZB 8/RD-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, color: red |
| 0800213 | ZB 8/VT-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, color: violet |
| 5060896 | ZB 8/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, terminal width: 8.2 mm, color: White |
| 5062519 | ZB 8/YE-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, color: yellow |
| 1050512 | ZB 8:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
| 1052002 | ZB 8:UNBEDRUCKT | Zack strip, 10-section, unprinted, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 8.2 mm, color: white |
| 0800734 | ZBFM 8/WH:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 50-section, 10 strips à 5 markers, sufficient for 50 terminal blocks, for all terminal blocks, pitch 8.2 mm, labeling with M-PEN or CMS system, color: white |
| 0804934 | ZBFM 8:SO/CMS | Special printing, Zack marker sheet, flat, 50-section, divisible, marking according to customer requirements |

**Plug/Adapter**

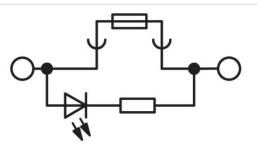| | | |
|---|---|---|
| 3002885 | ISH 4/0,5 | Cross-section range: 0.25 - 0.5 mm² / 0.75 - 1 mm² |

| 3002898 | ISH 4/1,0 | Cross-section range: 0.25 - 0.5 mm² / 0.75 - 1 mm² |
|---|---|---|
| 0201731 | MPS-IH BK | Insulating sleeve (black), for MPS metal part to be ordered separately (0201744) |
| 0201689 | MPS-IH BU | Insulating sleeve (blue), for MPS metal part to be ordered separately (0201744) |
| 0201702 | MPS-IH GN | Insulating sleeve (green), for MPS metal part to be ordered separately (0201744) |
| 0201728 | MPS-IH GY | Insulating sleeve (gray), 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) |
| 0201715 | MPS-IH VT | Insulating sleeve (violet), 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) |
| 0201692 | MPS-IH YE | Insulating sleeve (yellow), 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 |
| 3031005 | PS-8 | Modular test plug, for individual assembly of test plug strips, for UT, ST and QT terminal blocks, can be labeled with ZBF 8, color: Red |

**Tools**

| 1204517 | SZF 1-0,6X3,5 | Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm |
|---|---|---|

**Drawings**

Circuit diagram