**Extract from the online catalog**

# PIT 4-FSI/F

Order No.: 3208943

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3208943

Fuse modular terminal block, Connection method: Leg spring connection, Cross section: 0.2 mm²- 6 mm², AWG: 24 - 10, Nominal current: 10 A, Nominal voltage: 400 V, Width: 6.2 mm, Fuse type: F, Fuse type: Flat, Mounting type: NS 35/7.5, NS 35/15, Color: black

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 046356 498777 |
| sales group | A652 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 109 (CL1-2011) |

Product notes

WEEE/RoHS-compliant since: 03/12/2009

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## Technical data

### General

| | |
|---|---|
| Note | The current is determined by the fuse used, the voltage by the selected LED.15 A for single arrangement, 10 A for group arrangement. Derating curve available on request. The recommended continuous load capacity of the fuse inserts according to DIN 72581/Part 3 is max. 80 percent of their nominal current(at an ambient temperature of 23°C) |
| Number of levels | 1 |
| Number of connections | 2 |
| Color | black |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

### Dimensions

| | |
|---|---|
| Width | 6.2 mm |
| Length | 56 mm |
| Height NS 35/7.5 | 36.5 mm |
| Height NS 35/15 | 44 mm |

### Technical data

| | |
|---|---|
| Fuse | F |
| Fuse type | Flat |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Nominal current $I_N$ | 10 A |
| Nominal voltage $U_N$ | 400 V |
| Power loss | (on request) |
| Maximum current with single arrangement | 15 A |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 4 mm² |
| Conductor cross section AWG/kcmil min. | 24 |

| | |
|---|---|
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm² |
| Connection method | Leg spring connection |
| Stripping length | 10 mm |
| Internal cylindrical gage | A4 |

## Certificates / Approvals

| | |
|---|---|
| Certification | GL, GOST |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 3030721 | ATP-ST 4 | Partition plate, Length: 61 mm, Width: 2 mm, Height: 42 mm, Color: gray |
| 3022276 | CLIPFIX 35-5 | Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray |
| 3030420 | D-ST 4 | End cover, Length: 56 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray |
| 3036738 | DP PS-6 | Spacer plate, Color: red |
| 0801704 | NS 35/ 7,5 AL UNPERF 2000MM | DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m |

| | | |
|---|---|---|
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1207640 | NS 35/ 7,5 PERF 755MM | NS 35 DIN rail, height 7.5 mm, length 755 mm |
| 1207653 | NS 35/ 7,5 PERF 955MM | NS35 DIN rail, height 7.5 mm, length 955 mm |
| 1207666 | NS 35/ 7,5 PERF 1155MM | NS 35 DIN rail, height 7.5 mm, length 1155 mm |
| 0801733 | NS 35/ 7,5 PERF 2000MM | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1208131 | NS 35/ 7,5 PERF/... | DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1208115 | NS 35/ 7,5 UNPERF/... | DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver |
| 1208128 | NS 35/ 7,5 UNPERF/SO/... | DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver |
| 0801377 | NS 35/ 7,5 V2A UNPERF 2000MM | DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver |
| 1206421 | NS 35/ 7,5 ZN PERF 2000MM | DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1206434 | NS 35/ 7,5 ZN UNPERF 2000MM | DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1201895 | NS 35/15 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 1201730 | NS 35/15 PERF 2000MM | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 1208144 | NS 35/15 UNPERF/... | DIN rail, Width: 35 mm, Height: 15 mm, Color: silver |
| 1208157 | NS 35/15 UNPERF/SO/... | DIN rail, Width: 35 mm, Height: 15 mm, Color: silver |
| 1206586 | NS 35/15 ZN UNPERF 2000MM | DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m |

**Bridges**

| | | |
|---|---|---|
| 3030336 | FBS 2-6 | Plug-in bridge, Number of positions: 2, Color: red |
| 3030242 | FBS 3-6 | Plug-in bridge, Number of positions: 3, Color: red |
| 3030255 | FBS 4-6 | Plug-in bridge, Number of positions: 4, Color: red |
| 3030349 | FBS 5-6 | Plug-in bridge, Number of positions: 5, Color: red |
| 3030271 | FBS 10-6 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Plug-in bridge, Number of positions: 20, Color: red |

**General**

| | | |
|---|---|---|
| 0828282 | CARRIER-TM 300 | **Marker adapter,** 300 mm long, can be snapped into the marker groove, designed to accommodate ZB ... or UC-TM ... |

**Marking**

| | | |
|---|---|---|
| 0810588 | GBS 5-25X12 | Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5 |
| 0809298 | GBS-ZB/26X6 | Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm |
| 0816498 | TMT 6 R | Markers for terminal blocks with 6 mm pitch, perforated, unprinted, for all terminal blocks with ZB and ZBF keyway, can be labelled using a thermo transfer printer, 1 roll = 1,000 strips, 16 labels/ strips, strip height: 6.4 mm |
| 0828295 | TMT (EX9,5)R | Terminal marking with 9.5 mm strip height, continuous, without color print, for all terminals with ZB or ZBF groove, can be labeled using a thermal transfer printer, 1 roll = 50 m |
| 0818140 | UC-TMF 6 | UniCard materials for labeling terminal blocks using a flat marker groove, 80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white |
| 0824646 | UC-TMF 6 CUS | UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements |
| 0828746 | UCT-TMF 6 | UniCard materials for thermal transfer printer, for labeling terminal blocks with a horizontal marker groove, 60-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white |
| 0829665 | UCT-TMF 6 CUS | Terminal block marking, can be labeled as per customer specifications |
| 1051003 | ZB 6:UNBEDRUCKT | Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white |
| 0808710 | ZBF 6:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white |

**Plug/Adapter**

| | | |
|---|---|---|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |
| 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 |

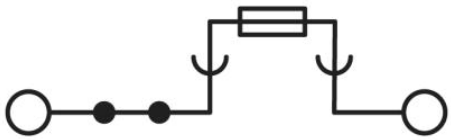
| | | |
|---|---|---|
| 0201744 | MPS-MT | Test plugs |
| 3032871 | PAI-4-N GY | Test adapter, Color: gray |
| 3030996 | PS-6 | Test adapter, Color: red |

**Tools**

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

## Diagrams/Drawings

Circuit diagram



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