

## PIT 4-FSI/F-LED 12


Order No.: 3208951

The figure shows the ...HESILED 24 (5X20) version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3208951>

Fuse modular terminal block, Connection method: Leg spring connection, Cross section: 0.2 mm<sup>2</sup>- 6 mm<sup>2</sup>, AWG: 24 - 10, Nominal current: 10 A, Nominal voltage: 12 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)               | <br>4 046356 498784 |
| 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

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## 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 $U_N$                   | 12 V         |
| Power loss                              | (on request) |
| Maximum current with single arrangement | 15 A         |
| Voltage LED                             | 12 V DC      |
| Current LED                             | 2 mA         |

### Connection data

|                                       |                     |
|---------------------------------------|---------------------|
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.    | 6 mm <sup>2</sup>   |
| Conductor cross section stranded min. | 0.2 mm <sup>2</sup> |

|   |                       |
|---|-----------------------|
| Conductor cross section stranded max.   | 4 mm <sup>2</sup>     |
| 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 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>     |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>     |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>     |
| 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 |

| <b>General</b>      |                  |  |
|---------------------|------------------|--|
| 0828282             | CARRIER-TM 300   | <b>Marker adapter</b> , 300 mm long, can be snapped into the marker groove, designed to accommodate ZB ... or UC-TM ...  |
| <b>Marking</b>      |                  |  |
| 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   |
| <b>Plug/Adapter</b> |                  |  |
| 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  |

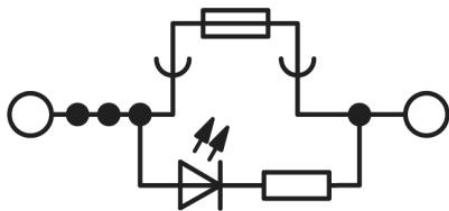
|         |            |                                  |
|---------|------------|----------------------------------|
| 0201715 | MPS-IH VT  | Insulating sleeve, Color: violet |
| 0201663 | MPS-IH WH  | Insulating sleeve, Color: white  |
| 0201692 | MPS-IH YE  | Insulating sleeve, Color: yellow |
| 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



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



© 2011 Phoenix Contact  
Technical modifications reserved;



## Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

### Наши контакты:

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331