

## PIT 4-HESILED 24 (5X20)

Order No.: 3211903



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3211903>

Lever-type fuse terminal block, black, for 5 x 20 mm G fuse inserts,  
with LED for 24 V DC

### Commercial data

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| GTIN (EAN)               |  |
| sales group              | A650                                                                               |
| Pack                     | 50 pcs.                                                                            |
| Customs tariff           | 85369010                                                                           |
| Catalog page information | Page 108 (CL1-2011)                                                                |

### Product notes

WEEE/RoHS-compliant since:  
01/07/2009



<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. If the fuse is faulty, the downstream circuit will not be disconnected. |
| 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 | 62.5 mm |
| Height NS 35/15  | 70 mm   |

#### Technical data

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| Fuse                             | G / 5 x 20                                                                                                     |
| Fuse type                        | Glass                                                                                                          |
| LED voltage range                | 12 V AC/DC ... 30 V AC/DC                                                                                      |
| Rated surge voltage              | 4 kV                                                                                                           |
| Pollution degree                 | 3                                                                                                              |
| Surge voltage category           | III                                                                                                            |
| Insulating material group        | I                                                                                                              |
| Connection in acc. with standard | IEC 60947-7-3                                                                                                  |
| Nominal current $I_N$            | 6.3 A                                                                                                          |
| Nominal voltage $U_N$            | 24 V                                                                                                           |
| Power loss                       | $\geq 1.6$ W (With single arrangement of the fuse terminal block in the event of overload)                     |
|                                  | $\geq 1.6$ W (With interconnected arrangement of several fuse terminal blocks in the event of overload)        |
|                                  | $\geq 4$ W (With single arrangement of the fuse terminal block in the event of a short-circuit)                |
|                                  | $\geq 2.5$ W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit) |
| LED voltage range                | 12 V AC/DC ... 30 V AC/DC                                                                                      |
| LED current range                | 0.31 mA ... 0.95 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                                                                       | Push-In connection   |
| Stripping length                                                                        | 10 mm                |
| Internal cylindrical gage                                                               | A4                   |

#### Certificates / Approvals



Certification

GL, GOST

#### Accessories

| Item            | Designation                 | Description                                                                                                                                                                                                                  |
|-----------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                             |                                                                                                                                                                                                                              |
| 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                                                                                                                                                        |
| 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                                         |
| 3004207 | VS                           | Connection pin, Length: 1000 mm, Color: gray                                                                                 |

#### 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 | <b>Marker adapter</b> , 300 mm long, can be snapped into the marker groove, designed to accommodate ZB ... or UC-TM ... |
| 3032075 | DMET 5X20      | Feed-through metal in the shape of a 5 x 20 mm glass tube fuse insert for use in fuse terminal blocks.                  |

#### Marking

|         |                  |                                                                                                                                                                                                                                    |
|---------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0816430 | TMT 5 R          | Markers for terminal blocks with 5 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, 19 labels/strips, strip height: 6.4 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                                                |
| 0818108 | UC-TM 5          | UniCard materials for labeling terminal blocks with a marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white                                                                                     |
| 0818085 | UC-TM 6          | UniCard materials for labeling terminal blocks with a marker groove, 80-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white                                                                                     |
| 0818153 | UC-TMF 5         | UniCard materials for labeling terminal blocks using a flat marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white                                                                               |
| 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                                                                               |
| 1050004 | ZB 5 :UNBEDRUCKT | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White                                                |
| 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                                                                                      |
| 0808642 | ZBF 5:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, 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

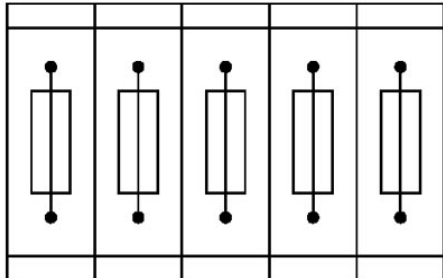
|         |           |                                 |
|---------|-----------|---------------------------------|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray  |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |

#### Tools

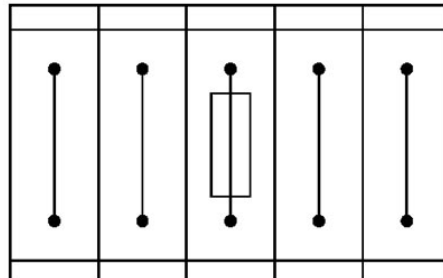
|         |               |                                                                                                                                                       |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

### Application drawing

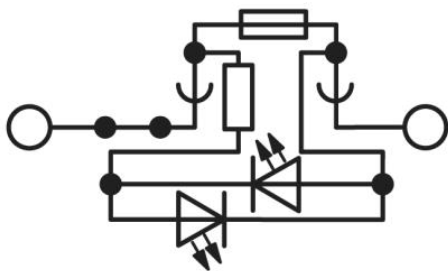


Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks



Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks

### 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;

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А