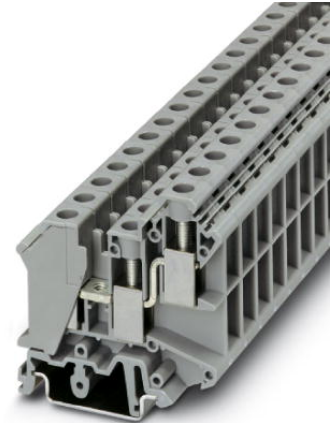


# UK 10-TWIN

Order No.: 3005196



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3005196>

1-level terminal block with double connection on one side, cross  
section: 0.5 - 10 mm<sup>2</sup>, AWG: 24 - 6, width: 10.2 mm, color: gray

## Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918091132      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.027537 KG        |
| Catalog page information | Page 351 (CL-2009) |

## Product notes

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



[http://  
www.download.phoenixcontact.com](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

|                                    |      |
|------------------------------------|------|
| Number of levels                   | 2    |
| Number of connections              | 3    |
| Color                              | gray |
| Insulating material                | PA   |
| Inflammability class acc. to UL 94 | V0   |

**Dimensions**

|                  |         |
|------------------|---------|
| Length           | 56.5 mm |
| Width            | 10.2 mm |
| Height NS 35/7,5 | 59 mm   |
| Height NS 35/15  | 66.5 mm |
| Height NS 32     | 64 mm   |

**Technical data**

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| 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 $I_N$            | 57 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage $U_N$            | 800 V                                                                                                 |

**Connection data**

|                                                                            |                     |
|----------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                         | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 16 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 10 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 20                  |
| Conductor cross section AWG/kcmil max                                      | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 10 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.                           | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                        | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                        | 4 mm <sup>2</sup>   |

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 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. | 4 mm <sup>2</sup>   |
| Type of connection                                                                      | Screw connection    |
| Stripping length                                                                        | 11 mm               |
| Screw thread                                                                            | M4                  |
| Tightening torque, min                                                                  | 1.5 Nm              |
| Tightening torque max                                                                   | 1.8 Nm              |

#### Certificates / Approvals



Certification

CCA, CSA, CUL, GOST, KEMA, PRS, UL

#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 65 A  |
| AWG/kcmil                      | 24-6  |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 65 A  |
| AWG/kcmil                      | 24-6  |

#### UL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 65 A  |
| AWG/kcmil                      | 24-6  |

**Accessories**

| Item            | Designation                   | Description                                                                                                                                                                    |
|-----------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                               |                                                                                                                                                                                |
| 3022218         | CLIPFIX 35                    | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 1201413         | E/UK 1                        | End brackets, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray                                                               |
| 1201028         | NS 32 AL UNPERF 2000MM        | G rail 32 mm (NS 32)                                                                                                                                                           |
| 1201280         | NS 32 CU/120QMM UNPERF 2000MM | G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                                                                          |
| 1201358         | NS 32 CU/35QMM UNPERF 2000MM  | G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m                                                                                      |
| 1201002         | NS 32 PERF 2000MM             | G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m                                                                                         |
| 1201015         | NS 32 UNPERF 2000MM           | G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 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                                                                                              |
| 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                                                   |
| 0801681         | NS 35/ 7,5 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                               |
| 1201756         | NS 35/15 AL UNPERF 2000MM     | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 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                                                                                                |
| 1201798         | NS 35/15-2,3 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                  |
| 2770215         | TS-KK 3                       | Separating plate, Color: gray                                                                                                                                                  |

**Bridges**

|         |           |                                                                 |
|---------|-----------|-----------------------------------------------------------------|
| 0203153 | EB 2-10   | Cross connector/bridge, Number of positions: 2, Color: gray     |
| 0203328 | EB 3-10   | Cross connector/bridge, Number of positions: 3, Color: gray     |
| 0203137 | EB 10-10  | Cross connector/bridge, Number of positions: 10, Color: gray    |
| 0203483 | FBI 2-10  | Cross connector/bridge, Number of positions: 2, Color: aluminum |
| 0203276 | FBI 10-10 | Cross connector/bridge, Number of positions: 10, Color: silver  |

|         |             |                                                               |
|---------|-------------|---------------------------------------------------------------|
| 1303337 | IS-K 10     | Bridge bar isolator, Color: gray                              |
| 0301521 | ISSBI 10-10 | Switching jumper, Number of positions: 10, Color: silver      |
| 0203205 | KB- 10      | Cross connector/bridge, Number of positions: 1, Color: silver |
| 0203234 | SB 2-10/15  | Cross connector/bridge, Number of positions: 2, Color: silver |

**Marking**

|         |                  |                                                                                                         |
|---------|------------------|---------------------------------------------------------------------------------------------------------|
| 1007248 | SBS10:UNBEDRUCKT | Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic |
| 1004225 | WS 4-10          | Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 10 mm                             |
| 1004429 | WS 5-10          | Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 10 mm                             |
| 1050525 | ZB10:SO/CMS      | Zack strip, 10-section, divisible, special printing, marking according to customer requirements         |

**Plug/Adapter**

|         |                     |                                                               |
|---------|---------------------|---------------------------------------------------------------|
| 0310541 | KSS 10              | Short circuit connector, Number of positions: 2, Color: black |
| 0303299 | PSB 4/7/6           | Female test connector, Color: silver                          |
| 0303406 | PSBJ 4/15/6 BK      | Female test connector, Color: black                           |
| 0303354 | PSBJ 4/15/6 BU      | Female test connector, Color: blue                            |
| 0303419 | PSBJ 4/15/6 FARBLOS | Female test connector, Color: transparent                     |
| 0303370 | PSBJ 4/15/6 GN      | Female test connector, Color: green                           |
| 0303396 | PSBJ 4/15/6 GY      | Female test connector, Color: gray                            |
| 0303325 | PSBJ 4/15/6 RD      | Female test connector, Color: red                             |
| 0303383 | PSBJ 4/15/6 VT      | Female test connector, Color: violet                          |
| 0303312 | PSBJ 4/15/6 WH      | Female test connector, Color: white                           |
| 0303367 | PSBJ 4/15/6 YE      | Female test connector, Color: yellow                          |

**Diagrams/Drawings**

Circuit diagram



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2010 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