

## Plug - UP 4/10 - 3060209

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Plug, Connection method: Screw connection, Number of positions: 10, Cross section: 0.14 mm² - 6 mm², AWG: 24 - 10, Width: 62 mm, Height: 41.2 mm, Color: gray

### Product Features

- ☒ Screw actuation from the side
- ☒ Conductor connection from above
- ☒ The plug design enables space-saving potential distribution by using four-conductor terminal blocks with two slots



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 48.74 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### Technical data

#### General

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Number of levels                        | 1                                         |
| Number of connections                   | 1                                         |
| Color                                   | gray                                      |
| Insulating material                     | PA                                        |
| Inflammability class according to UL 94 | V0                                        |
| Maximum load current                    | 32 A (with 6 mm² conductor cross section) |
| Rated surge voltage                     | 8 kV                                      |
| Pollution degree                        | 3                                         |
| Surge voltage category                  | III                                       |
| Insulating material group               | I                                         |
| Connection in acc. with standard        | IEC 61984                                 |

# Plug - UP 4/10 - 3060209

## Technical data

### General

|                       |       |
|-----------------------|-------|
| Nominal current $I_N$ | 32 A  |
| Nominal voltage $U_N$ | 800 V |
| Number of positions   | 10    |

### Dimensions

|        |         |
|--------|---------|
| Width  | 62 mm   |
| Length | 21 mm   |
| Height | 41.2 mm |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max.                                                  | 10                   |
| Conductor cross section stranded min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 6 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded                                              | 24                   |
| Max. AWG conductor cross section, stranded                                              | 10                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 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.                 | 0.14 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, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 1.5 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. | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Connection method                                                                       | Screw connection     |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |

## Plug - UP 4/10 - 3060209

### Technical data

#### Connection data

|                       |        |
|-----------------------|--------|
| Tightening torque max | 0.8 Nm |
|-----------------------|--------|

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC002021 |
| ETIM 5.0 | EC002021 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211802 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11     | 39121402 |
| UNSPSC 12.01  | 39121402 |
| UNSPSC 13.2   | 39121402 |

### Approvals

#### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

---

#### Ex Approvals

---

#### Approvals submitted

## Plug - UP 4/10 - 3060209

### Approvals

#### Approval details

| UL Recognized  |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                                  | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 600 V |

| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                  | B     | C     |
| mm²/AWG/kcmil                                                                                    | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                                   | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V | 600 V |

|                                                                                                      |  |  |
|------------------------------------------------------------------------------------------------------|--|--|
| cULus Recognized  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|

### Accessories

#### Accessories

##### End cover

Flange cover - DF-UP 4 - 3060348



Flange cover, Length: 47 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray

#### Insulating sleeve

## Plug - UP 4/10 - 3060209

### Accessories

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

---

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

---

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

---

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

---

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

---

## Plug - UP 4/10 - 3060209

### Accessories

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

### Labeled terminal marker

Zack Marker strip, flat - ZBF 8 CUS - 0825030



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

Marker for terminal blocks - UC-TMF 8 CUS - 0824654



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 8 CUS - 0829672



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

## Plug - UP 4/10 - 3060209

### Accessories

#### Mounting material

##### Latching - PRZ - 3040614



Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange

---

##### Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

---

##### Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

---

### Screwdriver tools

##### Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

---

### Shield connection

## Plug - UP 4/10 - 3060209

### Accessories

Shield connection clamp - PSH 3- 6 - 3040591



Shield connection clamp, Color: black

---

Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

---

### Terminal marking

Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

---

Marker for terminal blocks - UC-TMF 8 - 0818137



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.6 x 5.1 mm

---

Marker for terminal blocks - UCT-TMF 8 - 0828748



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 8.2 mm, Lettering field: 7.4 x 4.7 mm

## Plug - UP 4/10 - 3060209

### Accessories

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

---

### Drawings

Circuit diagram



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