

## Plug - UP 4/ 6 - 3060160

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Plug, Connection method: Screw connection, Number of positions: 6, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 37.2 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

|                  |               |
|------------------|---------------|
| package_quantity | 25            |
| GTIN             | 4046356090339 |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 1    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

#### General

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 32 A (with 6 mm <sup>2</sup> 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                                             |
| Nominal current I <sub>N</sub>   | 32 A                                                  |
| Nominal voltage U <sub>N</sub>   | 800 V                                                 |
| Number of positions              | 6                                                     |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 37.2 mm |
| Length | 21 mm   |
| Height | 41.2 mm |

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## Technical data

### 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               |
| 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 |

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## classifications

eCl@ss

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

UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

| <b>UL Recognized</b>  |       |       |
|----------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                                | B     | C     |
| Nominal voltage UN                                                                                       | 600 V | 600 V |
| Nominal current IN                                                                                       | 30 A  | 30 A  |
| mm²/AWG/kcmil                                                                                            | 26-10 | 26-10 |

| <b>cUL Recognized</b>  |       |       |
|-----------------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                                 | B     | C     |
| Nominal voltage UN                                                                                        | 600 V | 600 V |
| Nominal current IN                                                                                        | 30 A  | 30 A  |
| mm²/AWG/kcmil                                                                                             | 26-10 | 26-10 |

|                                                                                                             |  |  |
|-------------------------------------------------------------------------------------------------------------|--|--|
| <b>cULus Recognized</b>  |  |  |
|-------------------------------------------------------------------------------------------------------------|--|--|

## Plug - UP 4/ 6 - 3060160

accessories

### Mounting material

PRZ - 3040614



PR - 3040559



PR/2 - 3040630



### Strain relief

PZ/2 - 3040627



### Shield connection

PSH 3- 6 - 3040591



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### accessories

PSH 5-10 - 3040601



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### Screwdriver tools

SZS 0,6X3,5 - 1205053



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### End cover

DF-UP 4 - 3060348



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### Terminal marking

ZBF 8:UNBEDRUCKT - 0808781



UC-TMF 8 - 0818137



## Plug - UP 4/ 6 - 3060160

### accessories

UCT-TMF 8 - 0828748



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#### Labeled terminal marker

ZBF 8 CUS - 0825030



UC-TMF 8 CUS - 0824654



UCT-TMF 8 CUS - 0829672



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#### Test plug terminal block

MPS-MT - 0201744



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#### Insulating sleeve

## Plug - UP 4/ 6 - 3060160

### accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



# Plug - UP 4/ 6 - 3060160

accessories

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MPS-IH BK - 0201731



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## Drawings

Circuit diagram



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