

## HPP V4 Power plug 48V/12A 4p w/o contact



Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 46 145 4401  |
| Specification      | HPP V4 Power plug 48V/12A 4p w/o contact  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09461454401">https://b2b.harting.com/09461454401</a> |

### Identification

|                |                       |
|----------------|-----------------------|
| Category       | Connectors            |
| Series         | HARTING PushPull (V4) |
| Identification | Power                 |
| Element        | Connector sets        |

### Version

|                    |                   |
|--------------------|-------------------|
| Termination method | Crimp termination |
| Shielding          | Unshielded        |
| Number of contacts | 4                 |
| Locking type       | PushPull          |
| Pack contents      | Without contacts  |

### Technical characteristics

|  |                                       |
|--|---------------------------------------|
| Conductor cross-section                | 0.75 ... 2.5 mm <sup>2</sup> Stranded |
| Conductor cross-section                | AWG 20 ... AWG 12 Stranded            |
| Rated current                          | 12 A                                  |
| Rated voltage                          | 48 V                                  |
| Rated impulse voltage                  | 1.5 kV                                |
| Pollution degree                       | 3                                     |
| Limiting temperature                   | -40 ... +70 °C                        |
| Mating cycles                          | ≥750                                  |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                          |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                |                |
|----------------|----------------|
| Cable diameter | 4.9 ... 8.6 mm |
|----------------|----------------|

## Material properties

|   |  |
|---|--|
| Material (hood/housing)                   | Thermoplastic                                |
| Colour (hood/housing)                     | Black  |
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant                                    |
| ELV status                                | compliant                                    |
| China RoHS                                | e  |
| REACH Annex XVII substances               | Not contained                                |
| REACH ANNEX XIV substances                | Not contained                                |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Naphthalene                                  |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-3-106 Variant 4 (V4)                             |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 17.18 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140065321                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |