Pushing Performance

# HPP V4 Power plug 48V/12A 4p metal

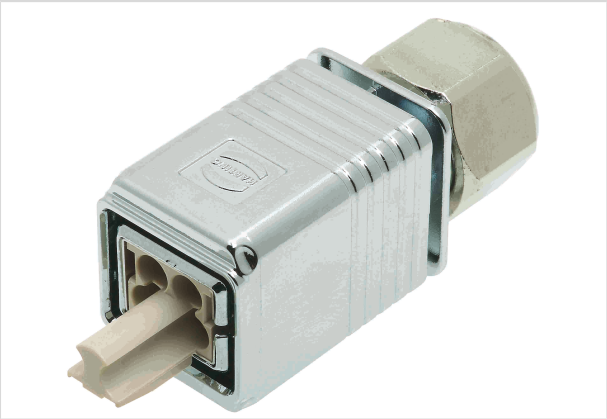

Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 46 195 4400 |
| Specification | HPP V4 Power plug 48V/12A 4p metal |
| HARTING eCatalogue | https://b2b.harting.com/09461954400 |

## 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 mm² 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 |


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## Technical characteristics

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

## Material properties

| | |
|---|---|
| Material (hood/housing) | Metal |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel<br>Lead |

## Specifications and approvals

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

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 82.56 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| eCl@ss | 27440101 Rectangular connectors (set) |


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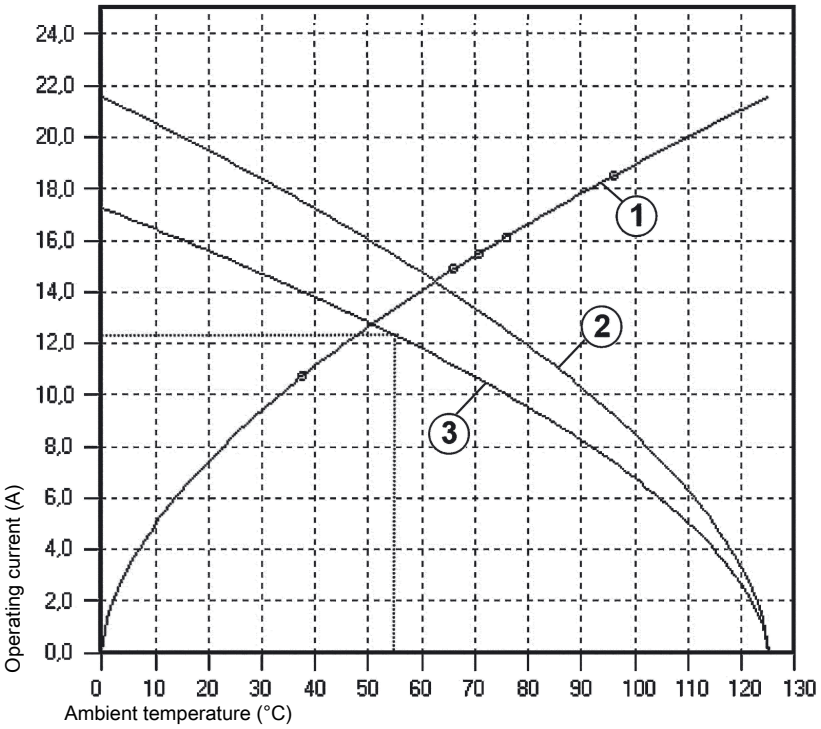
## Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.
Measuring and testing techniques acc. to IEC 60512-5-2




① Heating
② Derating curve
③ Derating curve 80%
Conductor cross-section 1.5 mm²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