

## 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	<a href="https://b2b.harting.com/09461954400">https://b2b.harting.com/09461954400</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



Pushing Performance  
Since 1945

## Technical characteristics

Cable diameter	4.9 ... 8.6 mm
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## 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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

## Specifications and approvals

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

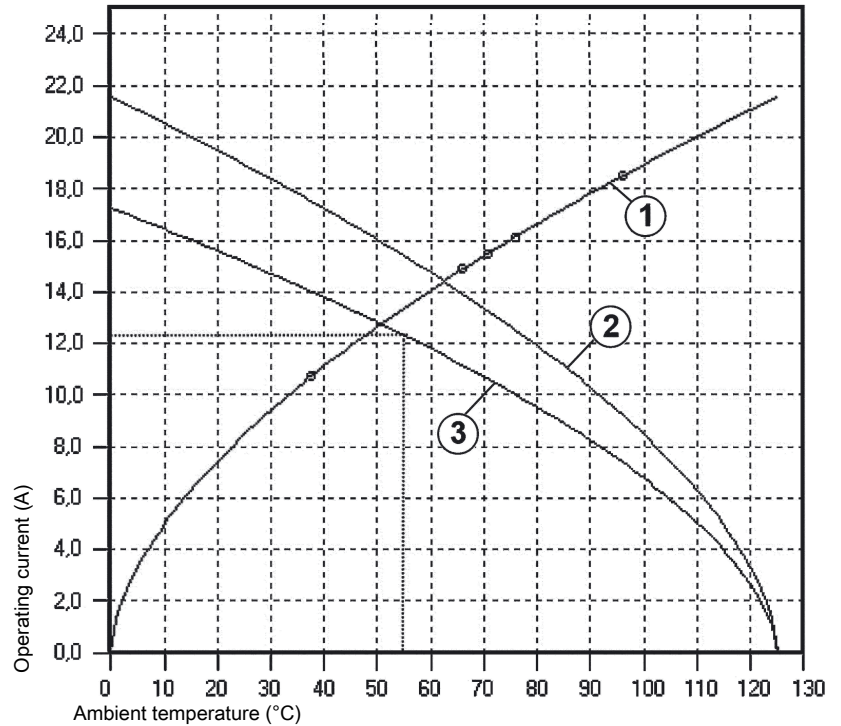
## Commercial data

Packaging size	1
Net weight	82.56 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140065338
eCl@ss	27440114 Rectangular connector (for field assembly)

### 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 mm<sup>2</sup>