

## HPP V4 Power EI-PFT 48V/12A 4p terminal

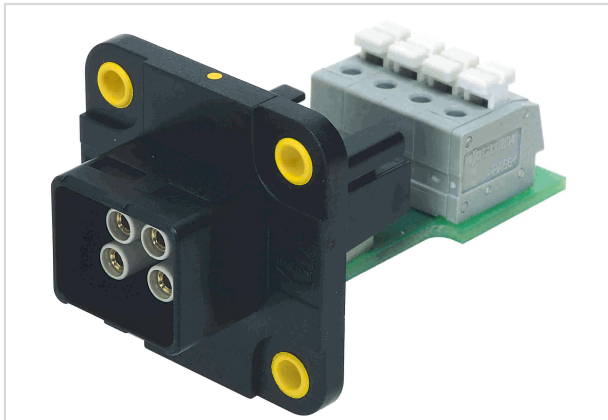


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Part number	09 46 245 4031
Specification	HPP V4 Power EI-PFT 48V/12A 4p terminal
HARTING eCatalogue	<a href="https://b2b.harting.com/09462454031">https://b2b.harting.com/09462454031</a>

### Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	Power
Element	Panel feed through set
Description of hood/housing	EasyInstall

### Version

Termination method	Cage-clamp termination
Shielding	Unshielded
Number of contacts	4
Locking type	PushPull
Pack contents	with 4 turned female contacts, insulation body, hood and integrated seal

### Technical characteristics

Conductor cross-section	1.5 mm <sup>2</sup>
Conductor cross-section	AWG 16 ... AWG 14
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



## Technical characteristics

Degree of protection acc. to IEC 60529	IP65 IP67
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## Material properties

Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material flammability class acc. to UL 94	V-0
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

## Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2 R22: HL1, HL2, HL3 EN 45545-2 R23: HL1, HL2, HL3
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076

## Commercial data

Packaging size	1
Net weight	17.9 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)

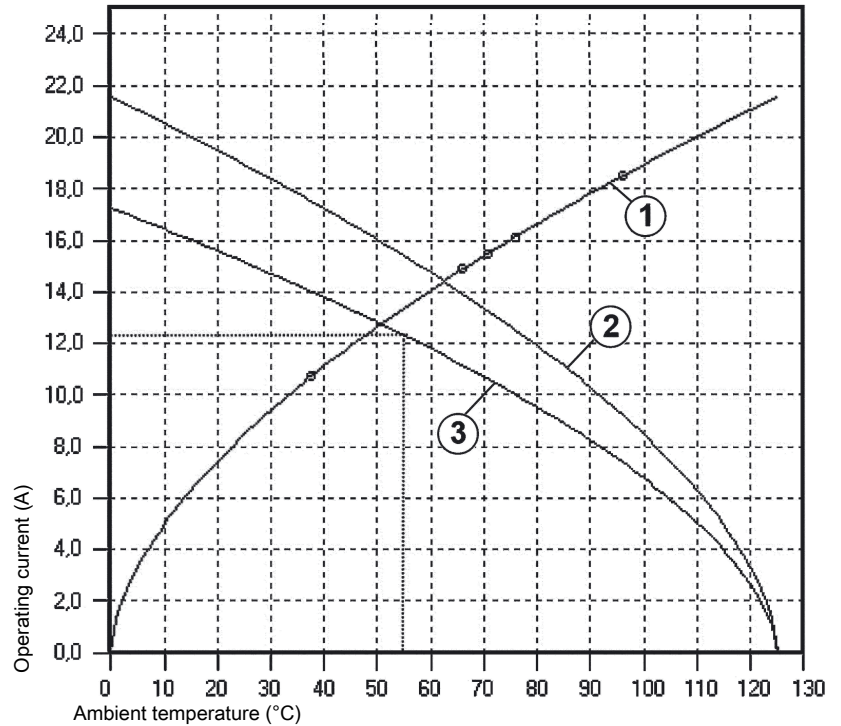


Pushing Performance

### 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>

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