Pushing Performance

# HARTING PushPull V4 WDF 48V/12A 4p Crimp

| | |
|---|---|
| Part number | 09 46 245 4420 |
| Specification | HARTING PushPull V4 WDF 48V/12A 4p Crimp |
| HARTING eCatalogue | https://b2b.harting.com/09462454420 |

## Identification

| | |
|---|---|
| Category | Connector |
| Series | HARTING PushPull |
| Identification | Power |
| Element | Panel feed through set |
| Description of hood/ housing | Compact |

## Version

| | |
|---|---|
| Termination method | Crimp termination |
| Locking type | PushPull |
| Number of contacts | 4 |
| Pack contents | with 4 turned female contacts, insulation body, hood and integrated seal |

## Technical characteristics

| | |
|---|---|
| Conductor cross-section | 1.5 mm² |
| Conductor cross-section | AWG 16 ... AWG 14 |
| Electrical data acc. to IEC 61984 | 12 A 48 V 1.5 kV 3 |
| 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 |

## Material properties

| | |
|---|---|
| Material (hood/housing) | Thermoplastic |
| Colour (hood/housing) | Black |


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## Material properties

| | |
|---|---|
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6c: 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 |

## Specifications and approvals

| | |
|---|---|
| Specifications | IEC 61076-3-106 Variant 4 |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 10.6 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |


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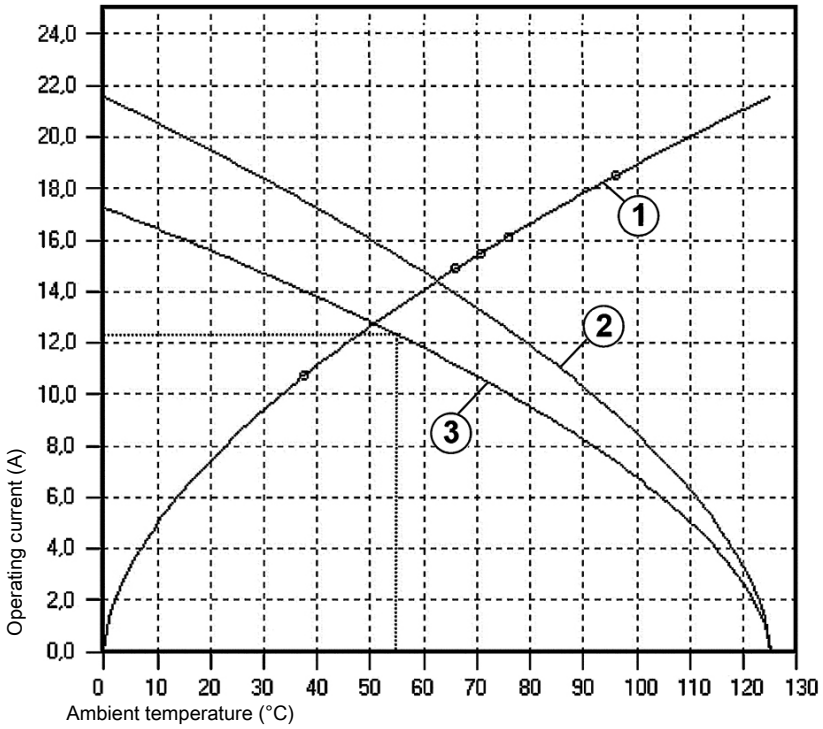
## Current carrying capacity

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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