

PushPull V4, power, 48V/12A, 4p



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

| | |
|--------------------|---|
| Part number | 09 46 145 4420 |
| Specification | PushPull V4, power, 48V/12A, 4p |
| HARTING eCatalogue | https://harting.com/09461454420 |

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 | incl. 4 turned crimp contacts (male) for 1.5 mm ² , insulation body, housing and cable gland |

Technical characteristics

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|-------------------------------|---------------------|
| Conductor cross-section | 1.5 mm ² |
| Conductor cross-section [AWG] | AWG 16 ... AWG 14 |
| Wire outer diameter | ≤3.7 mm |
| Rated current | 12 A |
| Rated voltage | 48 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Tightening torque | 1.3 ... 1.5 Nm |
| Limiting temperature | -40 ... +70 °C |



Pushing Performance
Since 1945

Technical characteristics

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|--|--|
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 IP67 |
| Cable diameter | 4.5 ... 10 mm |
| Vibration resistance | 10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s² acc. to IEC 61373 Category 1 Class B |
| Shock resistance | 25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B |

Material properties

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|---|--|
| 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 | 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 | Lead Naphthalene |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-3-106 Variant 4 (V4) EN 45545-2 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals | DNV GL |

Commercial data

| | |
|----------------|---|
| Packaging size | 1 |
|----------------|---|



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Commercial data

| | |
|--------------------------------|---|
| Net weight | 1 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140223646 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |
| ETIM | EC002636 |
| UNSPSC 24.0 | 39121408 |