Pushing Performance
Since 1945

# Han PushPull Power L Metal PFT var cod

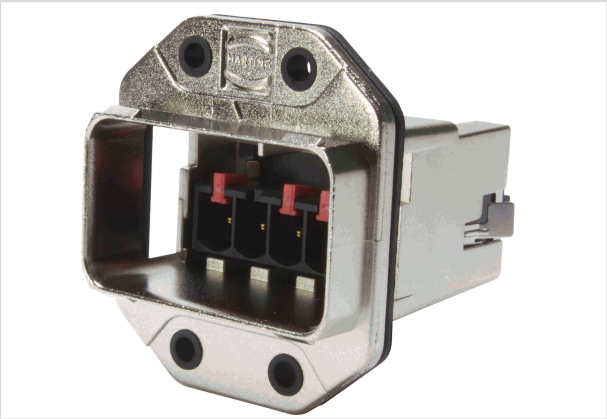

Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 35 434 0311 |
| Specification | Han PushPull Power L Metal PFT var cod |
| HARTING eCatalogue | https://b2b.harting.com/09354340311 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | Han® PushPull (V14) |
| Identification | Power L |
| Element | Panel feed trough set |
| Specification | AIDA compliant<br>With variable coding |
| Features | Intuitive locking mechanism<br>field assembly without tolls |

## Version

| | |
|---|---|
| Termination method | Spring clamp termination |
| Shielding | Unshielded |
| Number of contacts | 5 |
| Locking type | PushPull |
| Pack contents | incl. bulkhead mounted housing and male insert |

## Technical characteristics

| | |
|---|---|
| Conductor cross-section | 0.75 ... 2.5 mm² |
| Conductor cross-section | AWG 18 ... AWG 13 |
| Rated current | 16 A |
| Rated voltage | 24 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |


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## Technical characteristics

| | |
|---|---|
| Stripping length | 10 mm Conductors<br>44 mm cable jacket |
| Tightening torque | 3 Nm |
| Limiting temperature | -40 ... +70 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67 |
| Vibration resistance | 10-150 Hz, 5 g, 0.35 mm, 10 sweep cycles acc. to IEC 61373 Category 1 Class B |
| Shock resistance | 30 g / 11 ms, 3 shocks / axis and direction |

## Material properties

| | |
|---|---|
| Material (insert) | Polyamide (PA) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side<br>Sn over Ni Termination side |
| Material (hood/housing) | Zinc die-cast |
| Surface (hood/housing) | Nickel plated |
| Material (seal) | NBR |
| 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<br>Nickel<br>Naphthalene |

## Specifications and approvals

| | |
|---|---|
| Specifications | IEC/PAS 61076-3-126 |
| Approvals | DNV GL |


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## Specifications and approvals

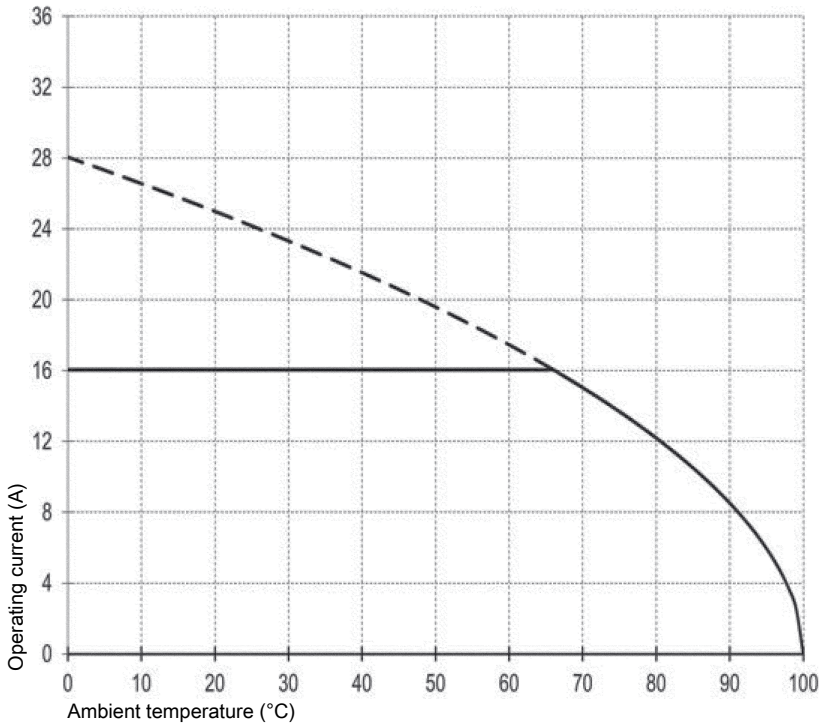
| | |
|---|---|
| UL / CSA | UL 1059 XCFR2.E314677<br>CSA-C22.2 No. 158-10 XCFR8.E314677 |
| PROFINET | Yes |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 55.8 g |
| Country of origin | China |
| European customs tariff number | 85366990 |
| eCl@ss | 27440101 Rectangular connectors (set) |

## 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





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