

Han PP PFT metal rectangular QL power



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

| | |
|--------------------|---|
| Part number | 09 35 232 0311 |
| Specification | Han PP PFT metal rectangular QL power |
| HARTING eCatalogue | https://b2b.harting.com/09352320311 |

Identification

| | |
|----------------|-----------------------------|
| Category | Connectors |
| Series | Han® PushPull (V14) |
| Identification | Power |
| Element | Panel feed trough set |
| Specification | Rectangular panel cut out |
| Features | Intuitive locking mechanism |

Version

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

Technical characteristics

| | |
|-----------------------------------|-----------------------------|
| Conductor cross-section | 0.5 ... 2.5 mm ² |
| Conductor cross-section | AWG 24 ... AWG 12 |
| Rated current | 16 A |
| Rated voltage conductor-earth | 400 V |
| Rated voltage conductor-conductor | 690 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 2 |
| Rated voltage acc. to UL | 600 V |



Pushing Performance
Since 1945

Technical characteristics

| | |
|--|--|
| Limiting temperature | -40 ... +70 °C |
| Mating cycles | ≥500 |
| Degree of protection acc. to IEC 60529 | IP65 IP67 |
| Vibration resistance | 5-150 Hz, 5 g, 0.35 mm, 2h/axis |
| Shock resistance | 5 g / 30 ms, 3 shocks / axis and direction |

Material properties

| | |
|---|--|
| Material (contacts) | Copper alloy |
| Surface (contacts) | Silver plated |
| Material (hood/housing) | Zinc die-cast |
| Surface (hood/housing) | Nickel plated |
| 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 Nickel Naphthalene |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-3-118 EN 45545-2 |
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |

Commercial data

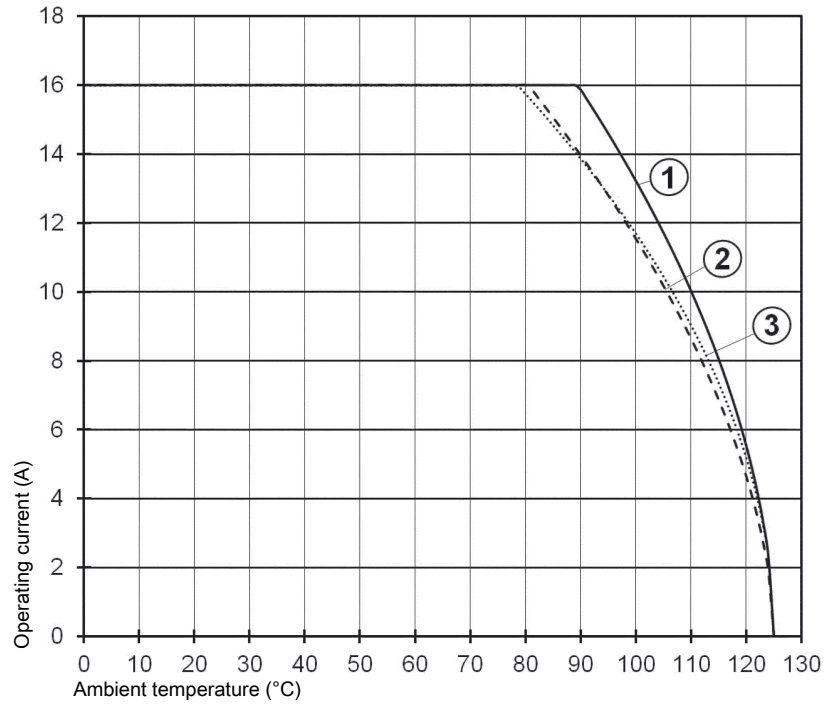
| | |
|----------------|---------|
| Packaging size | 1 |
| Net weight | 31.74 g |

Commercial data

| | |
|--------------------------------|---------------------------------------|
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140054219 |
| 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



- ① Crimp termination
 - ② Han-Quick Lock[®] termination
 - ③ Solder termination
- Conductor cross-section 2.5 mm²

Mating face

