



Pushing Performance  
Since 1945

# Han PP Power L metal plug var cod 6-10mm



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 434 0441  |
| Specification      | Han PP Power L metal plug var cod 6-10mm  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09354340441">https://b2b.harting.com/09354340441</a> |

## Identification

|                |   |
|----------------|---|
| Category       | Connectors  |
| Series         | Han® PushPull (V14)   |
| Identification | Power L   |
| Element        | Connector sets  |
| Specification  | AIDA compliant<br>With variable coding                      |
| Features       | Intuitive locking mechanism<br>Field assembly without tools |

## Version

|                    |   |
|--------------------|---|
| Termination method | Spring clamp termination  |
| Shielding          | Unshielded  |
| Number of contacts | 5   |
| Locking type       | PushPull  |
| Details            | When installing a PROFINET system, observe the PROFINET installation guideline. |
| Pack contents      | incl. metal housing and female 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   | 4 kV              |



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## Technical characteristics

|  |   |
|--|---|
| Pollution degree                       | 3   |
| 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  |
| Clamping range                         | 6 ... 10 mm   |
| 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  |
| Colour (hood/housing)                     | Silver   |
| Material (O-ring)                         | NBR  |
| Material (internal seal)                  | NBR  |
| Material (cable 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  |



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Material properties

|                                      |             |
|--------------------------------------|-------------|
| California Proposition 65 substances | Lead        |
|                                      | Naphthalene |

Specifications and approvals

|                |   |
|----------------|---|
| Specifications | IEC/PAS 61076-3-126   |
| UL / CSA       | UL 1059 XCFR2.E314677<br>CSA-C22.2 No. 158-10 XCFR8.E314677 |
| Approvals      | DNV GL  |
| PROFINET       | Yes   |

Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 112 g   |
| Country of origin              | Vietnam   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140223875                                       |
| ETIM                           | EC002636  |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |