



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://harting.com/09354340441">https://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] | 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                                                    |
| California Proposition 65 substances      | Lead                                                   |



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## 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                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |
| ETIM                           | EC002636                                            |
| UNSPSC 24.0                    | 39121408                                            |