



Pushing Performance  
Since 1945

# Han PP RJ45 PN metal plug set 45° bottom



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 226 0402  |
| Specification      | Han PP RJ45 PN metal plug set 45° bottom                                      |
| HARTING eCatalogue | <a href="https://harting.com/09352260402">https://harting.com/09352260402</a> |

## Identification

|               |  |
|---------------|--|
| Category      | Connectors   |
| Series        | Han® PushPull (V14)<br>RJ45  |
| Element       | Connector sets   |
| Specification | AIDA compliant   |
| Features      | Intuitive locking mechanism<br>Field assembly without tools<br>Suitable for all PoE versions |

## Version

|                    |   |
|--------------------|---|
| Termination method | IDC insulation displacement termination   |
| Shielding          | Fully shielded, 360° shielding contact  |
| Number of contacts | 4   |
| Version            | Bottom entry  |
| Locking type       | PushPull  |
| Details            | When installing a PROFINET system, observe the PROFINET installation guideline. |
| Pack contents      | incl. housing and male insert   |

## Technical characteristics

|                               |   |
|-------------------------------|---|
| Conductor cross-section       | 0.22 ... 0.32 mm² Stranded<br>0.26 ... 0.32 mm² Solid         |
| Conductor cross-section [AWG] | AWG 27/7 ... AWG 22/7 Stranded<br>AWG 27/1 ... AWG 22/1 Solid |
| Wire outer diameter           | ≤1.6 mm   |



**Pushing Performance**  
Since 1945

## Technical characteristics

|  |                              |
|--|------------------------------|
| Rated current                          | 1.75 A                       |
| Rated voltage                          | 50 V                         |
| Transmission characteristics           | Cat. 5 Class D up to 100 MHz |
| Data rate                              | 10 Mbit/s<br>100 Mbit/s      |
| Limiting temperature                   | -40 ... +70 °C               |
| Storage temperature                    | +5 ... +50 °C                |
| Mating cycles                          | ≥750                         |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                 |
| Clamping range                         | 6.5 ... 9.5 mm               |

## Material properties

|   |  |
|---|--|
| 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 (O-ring)                         | NBR  |
| Material (cable seal)                     | TPE  |
| 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                     | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one |
| ECHA SCIP number                          | d361ed36-dee0-4df8-9f2e-b62dd7563c1a                     |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Lead<br>Nickel   |



**Pushing Performance**  
Since 1945

## Specifications and approvals

|                |                                   |
|----------------|-----------------------------------|
| Specifications | IEC 61076-3-117 Variant 14 (V14)  |
|                | IEC 60603-7 Mating face           |
|                | EN 45545-2                        |
| UL / CSA       | UL 1977 ECBT2.E102079             |
|                | CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals      | DNV GL                            |
| PROFINET       | Yes                               |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 10  |
| Net weight                     | 90 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054097                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |
| ETIM                           | EC002636  |
| UNSPSC 24.0                    | 39121408  |