

Han PP RJ45 10G met. plug set 45° bottom



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

| | |
|--------------------|---|
| Part number | 09 35 225 0402 |
| Specification | Han PP RJ45 10G met. plug set 45° bottom |
| HARTING eCatalogue | https://harting.com/09352250402 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | IDC insulation displacement termination |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 8 |
| Version | Bottom entry |
| Locking type | PushPull |
| Pack contents | incl. housing and male insert |

Technical characteristics

| | |
|-------------------------------|--------------------------------|
| Conductor cross-section | 0.1 ... 0.32 mm² Stranded |
| | 0.1 ... 0.32 mm² Solid |
| Conductor cross-section [AWG] | AWG 27/7 ... AWG 22/7 Stranded |
| | AWG 27/1 ... AWG 22/1 Solid |
| Wire outer diameter | ≤1.6 mm |
| Rated current | 1.75 A |
| Rated voltage | 50 V |



Pushing Performance
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Technical characteristics

Transmission characteristics Cat. 6 Class E_A up to 500 MHz

| | |
|--|----------------|
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| | 10 Gbit/s |
| Limiting temperature | -40 ... +70 °C |
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 |
| | IP67 |
| Clamping range | 6.5 ... 9.5 mm |

Material properties

| | |
|---|--|
| Surface (contacts) | Au over Ni Mating side |
| | 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 | Lead |
| | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| | Nickel |

Specifications and approvals

| | |
|----------------|----------------------------------|
| Specifications | IEC 61076-3-117 Variant 14 (V14) |
| | IEC 60603-7 Mating face |
| | EN 45545-2 |



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Specifications and approvals

| | |
|-----------|--|
| 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 | 90.1 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140054042 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |
| ETIM | EC002636 |
| UNSPSC 24.0 | 39121408 |