

## Han3M RJ45 Cat5 plug 4p IDC



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

|                    |   |
|--------------------|---|
| Part number        | 09 45 115 1102  |
| Specification      | Han3M RJ45 Cat5 plug 4p IDC   |
| HARTING eCatalogue | <a href="https://harting.com/09451151102">https://harting.com/09451151102</a> |

### Identification

|                             |                    |
|-----------------------------|--------------------|
| Category                    | Connectors         |
| Series                      | RJ45               |
| Series of hoods/housings    | Han A <sup>®</sup> |
| Element                     | Cable connector    |
| Type of hood/housing        | Hood               |
| Description of hood/housing | Straight           |

### Version

|                    |  |
|--------------------|--|
| Termination method | IDC insulation displacement termination                                      |
| Size               | 3 A  |
| Shielding          | Fully shielded, 360° shielding contact                                       |
| Number of contacts | 4  |
| Pack contents      | Connector insert<br>Hoods / Housings<br>Cable gland<br>Assembly instructions |

### Technical characteristics

|                               |   |
|-------------------------------|---|
| Conductor cross-section       | 0.22 ... 0.32 mm <sup>2</sup> Stranded<br>0.26 ... 0.32 mm <sup>2</sup> Solid |
| Conductor cross-section [AWG] | AWG 24 ... AWG 22 Stranded<br>AWG 23 ... AWG 22 Solid                         |
| Wire outer diameter           | 1.6 mm  |
| Transmission characteristics  | Cat. 5 Class D up to 100 MHz  |



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## Technical characteristics

|  |                         |
|--|-------------------------|
| Data rate                              | 10 Mbit/s<br>100 Mbit/s |
| Limiting temperature                   | -40 ... +70 °C          |
| Storage temperature                    | +5 ... +50 °C           |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67            |
| Cable diameter                         | 5 ... 9 mm              |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (hood/housing)              | Zinc die-cast  |
| Colour (hood/housing)                | Black  |
| 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                | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol<br>Lead   |
| ECHA SCIP number                     | be45dcda-0f90-459a-a8bc-78fb7986a295                   |
| California Proposition 65 substances | Yes  |
| California Proposition 65 substances | Lead<br>Nickel   |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| Requirement set with Hazard Levels   | R26  |

## Specifications and approvals

|                |            |
|----------------|------------|
| Specifications | EN 45545-2 |
| Approvals      | DNV GL     |
| PROFINET       | Yes        |

## Commercial data

|                |       |
|----------------|-------|
| Packaging size | 1     |
| Net weight     | 105 g |



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Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Country of origin              | Romania                               |
| European customs tariff number | 85366990                              |
| GTIN                           | 5713140058743                         |
| eCl@ss                         | 27440113 Rectangular connectors (set) |
| ETIM                           | EC002636                              |
| UNSPSC 24.0                    | 39121408                              |