

## Han3A RJ45 Cat5 plug 4p IDC, plastic



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

|                    |   |
|--------------------|---|
| Part number        | 09 45 125 1100  |
| Specification      | Han3A RJ45 Cat5 plug 4p IDC, plastic  |
| HARTING eCatalogue | <a href="https://harting.com/09451251100">https://harting.com/09451251100</a> |

### Identification

|                             |                 |
|-----------------------------|-----------------|
| Category                    | Connectors      |
| Series                      | RJ45            |
| Series of hoods/housings    | Han A®          |
| 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  |

## 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)              | Polycarbonate (PC)                  |
| Colour (hood/housing)                | Black                               |
| RoHS                                 | compliant                           |
| ELV status                           | compliant                           |
| China RoHS                           | e                                   |
| REACH Annex XVII substances          | Not contained                       |
| REACH ANNEX XIV substances           | Not contained                       |
| REACH SVHC substances                | Not contained                       |
| 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   |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals      | DNV GL   |
| PROFINET       | Yes  |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 60 g     |
| Country of origin              | Romania  |
| European customs tariff number | 85366990 |

## Commercial data

|             |                                       |
|-------------|---------------------------------------|
| GTIN        | 5713140058866                         |
| eCl@ss      | 27440113 Rectangular connectors (set) |
| ETIM        | EC002636                              |
| UNSPSC 24.0 | 39121408                              |