

## Han3A RJ45 Hybrid Cat5 plug 4+4p IDC



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

|                    |   |
|--------------------|---|
| Part number        | 09 45 125 1300  |
| Specification      | Han3A RJ45 Hybrid Cat5 plug 4+4p IDC  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09451251300">https://b2b.harting.com/09451251300</a> |

### Identification

|                             |                 |
|-----------------------------|-----------------|
| Category                    | Connectors      |
| Series                      | RJ45 Hybrid     |
| Element                     | Cable connector |
| Type of hood/housing        | Hood            |
| Description of hood/housing | Straight        |

### Version

|                          |  |
|--------------------------|--|
| Termination method       | IDC termination                        |
| Size                     | 3 A                                    |
| Shielding                | Fully shielded, 360° shielding contact |
| Number of contacts       | 8                                      |
| Number of data contacts  | 4                                      |
| Number of power contacts | 4                                      |

### Technical characteristics

|                         |   |
|-------------------------|---|
| Conductor cross-section | 0.22 ... 0.32 mm <sup>2</sup> Stranded (Data) |
|                         | 0.26 ... 0.32 mm <sup>2</sup> Solid (Data)    |
|                         | 1.5 mm <sup>2</sup> Power                     |
| Conductor cross-section | AWG 24 ... AWG 22 Stranded (Data)             |
|                         | AWG 23 ... AWG 22 Solid (Data)                |
|                         | AWG 16 Power                                  |
| Rated voltage (Data)    | 50 V AC                                       |
|                         | 60 V DC                                       |
| Rated voltage (power)   | 48 V DC                                       |
| Rated current (data)    | 1.76 A  |



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## Technical characteristics

|                              |                              |
|------------------------------|------------------------------|
| Rated current (power)        | 16 A                         |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s      |
| Limiting temperature         | -40 ... +70 °C               |
| Mating cycles                | ≥500                         |
| Cable diameter               | 6 ... 12 mm                  |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (hood/housing)              | Polycarbonate (PC)                                     |
| 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                | Lead   |
| California Proposition 65 substances | Yes  |
| California Proposition 65 substances | Lead<br>Nickel<br>Naphthalene                          |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                   |
| 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 |
|----------------|---|



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## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Net weight                     | 69.1 g                                |
| Country of origin              | Romania                               |
| European customs tariff number | 85366990                              |
| GTIN                           | 5713140058880                         |
| ETIM                           | EC002636                              |
| eCl@ss                         | 27440113 Rectangular connectors (set) |

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