

## 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                | Han <sup>®</sup> 3 A                   |
| Shielding           | Fully shielded, 360° shielding contact |
| Number of contacts  | 4                                      |
| Additional contacts | 4x 48 V                                |

### Technical characteristics

|                              |                                        |
|------------------------------|----------------------------------------|
| Conductor cross-section      | 0.22 ... 0.32 mm <sup>2</sup> Stranded |
|                              | 0.26 ... 0.32 mm <sup>2</sup> Solid    |
| Conductor cross-section      | AWG 24 ... AWG 22 Stranded             |
|                              | AWG 23 ... AWG 22 Solid                |
| Limiting temperature         | -40 ... +70 °C                         |
| Mating cycles                | ≥500                                   |
| Cable diameter               | 6 ... 12 mm                            |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz           |



Pushing Performance

## Technical characteristics

|           |            |
|-----------|------------|
| Data rate | 10 Mbit/s  |
|           | 100 Mbit/s |

## 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 | No                                                     |
| REACH ANNEX XIV substances  | No                                                     |
| REACH SVHC substances       | Yes                                                    |
| REACH SVHC substances       | Lead                                                   |

## Specifications and approvals

|                |                                   |
|----------------|-----------------------------------|
| Specifications | EN 45545-2 R26: HL1, HL2, HL3     |
| Approvals      | DNV GL                            |
| UL / CSA       | UL 1977 ECBT2.E102079             |
|                | CSA-C22.2 No. 182.3 ECBT8.E102079 |
| PROFINET       | Yes                               |

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 1                                     |
| Net weight                     | 69.1 g                                |
| Country of origin              | Romania                               |
| European customs tariff number | 85366990                              |
| eCI@ss                         | 27440101 Rectangular connectors (set) |