

## Han 3A RJ45 HYBRID PLUG AC



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 57 308 0500 000                                                                  |
| Specification      | Han 3A RJ45 HYBRID PLUG AC                                                          |
| HARTING eCatalogue | <a href="https://harting.com/09573080500000">https://harting.com/09573080500000</a> |

### Identification

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

### Version

|                          |                                        |
|--------------------------|----------------------------------------|
| Size                     | 3 A                                    |
| Shielding                | Fully shielded, 360° shielding contact |
| Number of contacts       | 11                                     |
| Number of data contacts  | 8                                      |
| Number of power contacts | 3                                      |
| Contact configuration    | L1, PE, N                              |

### Technical characteristics

|                               |                                        |
|-------------------------------|----------------------------------------|
| Conductor cross-section       | 0.08 ... 0.22 mm <sup>2</sup> Stranded |
| Conductor cross-section [AWG] | AWG 28 ... AWG 24 Stranded             |
| Rated current (power)         | 16 A                                   |
| Rated voltage (power)         | 300 V AC                               |
| Transmission characteristics  | Cat. 5 Class D up to 100 MHz           |



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## Technical characteristics

|                      |                |
|----------------------|----------------|
| Data rate            | 10 Mbit/s      |
|                      | 100 Mbit/s     |
|                      | 1 Gbit/s       |
|                      | 2.5 Gbit/s     |
| Limiting temperature | -40 ... +70 °C |

## Material properties

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| 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                | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate<br>Lead |
| 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

|           |        |
|-----------|--------|
| Approvals | DNV GL |
|-----------|--------|

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 10                                    |
| Net weight                     | 153 g                                 |
| Country of origin              | Germany                               |
| European customs tariff number | 85367000                              |
| GTIN                           | 5713140072510                         |
| eCl@ss                         | 27440113 Rectangular connectors (set) |
| ETIM                           | EC002636                              |
| UNSPSC 24.0                    | 39121408                              |