

Han3A RJ45 Hybrid GL Cat6A insert 8+4p



| Part number | 09 45 100 1720 |
|--------------------|-------------------------------------------|
| Specification | Han3A RJ45 Hybrid GL Cat6A insert 8+4p |
| HARTING eCatalogue | https://b2b.harting.com/09451001720 |

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

Identification

| Category | Connectors |
|----------|-----------------|
| Series | RJ45 Hybrid |
| Element | Cable connector |

Version

| Size | 3 A |
|--------------------------|----------------------------------------|
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 12 |
| Number of data contacts | 8 |
| Number of power contacts | 4 |

Technical characteristics

| Conductor cross-section | 0.08 0.22 mm² Data |
|------------------------------|--------------------------------------------------------|
| | 1.5 mm² Power |
| | |
| | AWG 28 AWG 24 Data |
| Conductor cross-section | AWG 16 Power |
| | 7.110 101 01101 |
| Wire outer diameter | 1 mm |
| | |
| Rated voltage (Data) | 50 V AC |
| | 60 V DC |
| | 00 1 20 |
| Rated voltage (power) | 48 V DC |
| 5 (1 / | |
| Rated current (data) | 1.76 A |
| | |
| Rated current (power) | 16 A |
| | |
| Transmission characteristics | Cat. 6 _A Class E _A up to 500 MHz |

Page 1 / 3 | Creation date 2024-02-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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Technical characteristics

| Data rate | 10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s |
|----------------------|-------------------------------------------------------------|
| Limiting temperature | -40 +70 °C |
| Mating cycles | ≥500 |

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 Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |

Specifications and approvals

| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |
|-----------|------------------------------------------------------------|
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

| Packaging size | 10 |
|--------------------------------|---------------|
| Net weight | 42.4 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140058712 |
| ETIM | EC000438 |

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Commercial data

eCl@ss

27440205 Contact insert for industrial connectors