



Pushing Performance
Since 1945

Han3A RJ45 Hybrid GL Cat6A insert 8+4p



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

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

Identification

Category	Connectors
Series	RJ45
Identification	Hybrid
Series of hoods/housings	Han A [®]
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 mm ² Data 1.5 mm ² Power
Conductor cross-section [AWG]	AWG 28 ... AWG 24 Data AWG 16 Power
Wire outer diameter	≤1.05 mm (Data) ≤2.75 mm (Power)
Rated current (data)	1.76 A
Rated voltage (data)	50 V AC 60 V DC
Rated current (power)	16 A



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Technical characteristics

Rated voltage (power)	48 V DC
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
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
Storage temperature	+5 ... +50 °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



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Commercial data

GTIN	5713140058712
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522