

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	https://harting.com/09451251300

Identification

Category	Connectors
Series	RJ45
Identification	Hybrid
Series of hoods/housings	Han A [®]
Element	Cable connector
Type of hood/housing	Hood
Description of hood/housing	Straight

Version

Termination method	IDC insulation displacement 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 ² Stranded (Data)
	0.26 ... 0.32 mm ² Solid (Data)
	1.5 mm ² Power
Conductor cross-section [AWG]	AWG 24 ... AWG 22 Stranded (Data)
	AWG 23 ... AWG 22 Solid (Data)
	AWG 16 Power
Wire outer diameter	≤1.6 mm (Data)
	≤2.75 mm (Power)



Pushing Performance
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Technical characteristics

Rated current (data)	1.76 A
Rated voltage (data)	50 V AC 60 V DC
Rated current (power)	16 A
Rated voltage (power)	48 V DC
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °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 Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL



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Specifications and approvals

PROFINET Yes

Commercial data

Packaging size	1
Net weight	69.605 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058880
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408