



Pushing Performance
Since 1945

Han3A RJ45 Hybrid 10G Cat6 plug 8+4p IDC



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

Part number	09 45 115 1760
Specification	Han3A RJ45 Hybrid 10G Cat6 plug 8+4p IDC
HARTING eCatalogue	https://harting.com/09451151760

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
Features	Suitable for all PoE versions

Version

Termination method	IDC insulation displacement termination
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	0.1 ... 0.32 mm² Data 1.5 mm² Power
Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded (Data) AWG 27/1 ... AWG 22/1 Solid (Data) AWG 16 Power



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Technical characteristics

Wire outer diameter	≤1.6 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
Rated voltage (power)	48 V DC
Transmission characteristics	Cat. 6 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
Cable diameter	6 ... 12 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis
	7.9 m/s ² acc. to IEC 61373 Category 1 Class B
Shock resistance	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	Grey
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	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Yes



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Material properties

California Proposition 65 substances

Lead
Nickel

Specifications and approvals

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

Packaging size	1
Net weight	110 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058859
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408