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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	<a href="https://harting.com/09451151760">https://harting.com/09451151760</a>

## Identification

Category	Connectors
Series	RJ45 Hybrid
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
Wire outer diameter	≤1.6 mm (Data) ≤2.75 mm (Power)
Rated current (data)	1.76 A



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## Technical characteristics

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 <sub>A</sub> 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
Mating cycles	≥500
Cable diameter	6 ... 12 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis
	7.9 m/s <sup>2</sup> 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	Lead
	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel



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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	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