



THE DATASHEET OF
09451151560



Han3A RJ45 10G Cat6 plug 8p IDC



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

Part number	09 45 115 1560
Specification	Han3A RJ45 10G Cat6 plug 8p IDC
HARTING eCatalogue	https://harting.com/09451151560

Identification

Category	Connectors
Series	RJ45
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	8
Pack contents	Connector insert Hoods / Housings Cable gland Assembly instructions

Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm ² Stranded 0.22 ... 0.32 mm ² Solid
Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	1.6 mm



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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
Storage temperature	+5 ... +50 °C
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	5 ... 9 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
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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ECHA SCIP number	95981c57-f4da-4b43-8b2d-dc44e2781be3
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



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Specifications and approvals

PROFINET	Yes
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Commercial data

Packaging size	1
Net weight	100 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058835
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408

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