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



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

Part number	09 45 125 1760
Specification	Han3A RJ45 Hybrid 10G Cat6 plug 8+4p IDC
HARTING eCatalogue	https://b2b.harting.com/09451251760

Identification

Category	Connectors
Series	RJ45 Hybrid
Element	Cable connector
Type of hood/housing	Hood
Description of hood/housing	Straight

Version

Termination method	IDC termination
Size	Han® 3 A
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
further contacts	4x 48 V

Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm²
Conductor cross-section	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
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

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Technical characteristics

Mating cycles	≥500
Cable diameter	6 ... 12 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 7.9 m/s² 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)	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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel Naphthalene

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	56.4 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058927

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eCl@ss	27440101 Rectangular connectors (set)

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