



Pushing Performance
Since 1945

Han-Modular RJ45 10G Cat6 plug 8p IDC

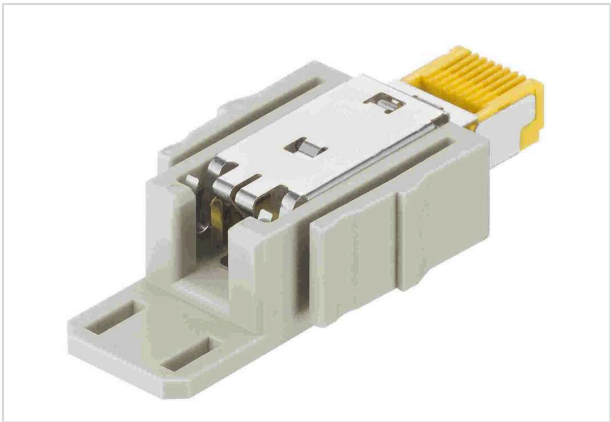


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Part number	09 45 400 1560
Specification	Han-Modular RJ45 10G Cat6 plug 8p IDC
HARTING eCatalogue	https://harting.com/09454001560

Identification

Category	Inserts
Element	Data connectors
Specification	RJ Industrial RJ45 connector set
Features	Suitable for all PoE versions

Version

Termination method	IDC insulation displacement termination
Gender	Male
Shielding	Shielded
Number of contacts	8

Technical characteristics

Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm
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
Mating cycles	≥500



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Technical characteristics

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	25 g / 11 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
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
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984 IEC 60603-7 EN 45545-2 Fire protection on railway vehicles
Approvals	DNV GL

Commercial data

Packaging size	10
Net weight	40 g
Country of origin	Romania
European customs tariff number	85389099
GTIN	5713140060012
eCl@ss	27440218 Module for industrial connectors (data)
ETIM	EC000438
UNSPSC 24.0	39121552