



Pushing Performance
Since 1945

Han3A RJ45 Hybrid 10G insert 8+4p IDC



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

Part number	09 45 100 1760
Specification	Han3A RJ45 Hybrid 10G insert 8+4p IDC
HARTING eCatalogue	https://harting.com/09451001760

Identification

Category	Connectors
Series	RJ45
Identification	Hybrid
Series of hoods/housings	Han A [®]
Element	Cable connector
Features	Suitable for all PoE versions

Version

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
Rated voltage (data)	50 V AC 60 V DC



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Technical characteristics

Rated current (power)	16 A
Rated voltage (power)	48 V DC
Transmission characteristics	Cat. 6 Class E up to 250 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

Material properties

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
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel

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	42.8 g
Country of origin	Romania
European customs tariff number	85366990



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Commercial data

GTIN	5713140058729
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522