

ix Industrial 10A-1 jack AV (T&R400)



Part number	09 45 281 2560
Specification	ix Industrial 10A-1 jack AV (T&R400)
HARTING eCatalogue	https://b2b.harting.com/09452812560

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

Identification

Category	Connectors
Series	HARTING ix Industrial [®]
Identification	Data
Element	PCB connector
Specification	Angled

Version

Termination method	Solder termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
further contacts	+ 2x GND
Coding	Type A
Pack contents	On a reel

Technical characteristics

Rated current	1.5 A
Rated current	3 A per contact when used with 4 contacts (1,2,6,7)
Rated voltage	50 V AC 60 V DC
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz

Page 1 / 3 | Creation date 2024-08-10 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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This product will not be orderable much longer. Please contact your local distribution partner.



Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	>500 MΩ
Contact resistance	≤30 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 +85 °C
Storage temperature	-30 +60 °C
Relative humidity	95 % Non-condensing (operation) 95 % Non-condensing (storage/transport)
Insertion force	≤25 N
Withdrawal force	≤25 N
Mating cycles	≥5,000
Degree of protection acc. to IEC 60529	IP20
Test voltage U _{r.m.s.}	0.5 kV

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Colour (insert)	Grey
Material (shielding)	Stainless steel Sn ≥ 1 µm over Ni ≥ 0.2 µm Mating side (shielding)
Material (contacts)	Copper alloy
Surface (contacts)	Au ≥ 0.2 μm over Ni ≥ 2 μm Mating side Au ≥ 0.03 μm over Ni ≥ 2 μm Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	е
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes

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Material properties

California Proposition 65 substances	Lead
Camornia Froposition 03 substances	Nickel

Specifications and approvals

Specifications	IEC 61076-3-124
	EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	400
Net weight	3.075 g
Country of origin	Japan
European customs tariff number	85366990
GTIN	5713140223073
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)