



Pushing Performance  
Since 1945

# T1 Industrial Jack AH IP20



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

Part number	09 45 281 2810
Specification	T1 Industrial Jack AH IP20
HARTING eCatalogue	<a href="https://b2b.harting.com/09452812810">https://b2b.harting.com/09452812810</a>

## Identification

Category	Connectors
Series	HARTING T1 Industrial
Element	PCB connector
Specification	Angled Short version

## Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Pack contents	400 pieces on reel

## Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	4 GHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Contact resistance	≤20 mΩ



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## Technical characteristics

Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥1,000
Degree of protection acc. to IEC 60529	IP20
Test voltage U <sub>DC</sub>	1 kV (contact-contact) 2.25 kV (contact-ground)
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL)	R0 acc. to ECA/IPC/JEDEC J-STD-020D

## 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	Not contained
California Proposition 65 substances	Not contained

## Specifications and approvals

Specifications	IEC 63171-6
	IEEE 802.3bu (remote power supply over PoDL = Power over Data Line)
	IEEE 802.3cg (10BASE-T1)
	IEEE 802.3bw (100BASE-T1)
	IEEE 802.3bp (1000BASE-T1)
	IEEE 802.3ch (2.5GBASE-T1 / 5GBASE-T1 / 10GBASE-T1)

## Commercial data

Packaging size	400
Net weight	3 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140223516
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

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