RJ45 plug IP20 Cat.5 PROFINET
shielded, IDC

Description

The RJ45 plug fulfils the product requirements of IEC 60603-7-51 and also the requirements of ISO/IEC 11801 for category 5 to 100 MHz
It enables acceptance measurements for class D permanent links
This makes it suitable for the transmission of 1 Gigabit Ethernet in accordance with IEEE 802.3ab.
Suitable for PoE applications in accordance with IEEE 802.3at.
Sturdy die-cast zinc housing for industrial applications
Gold-plated contact surface
Cable connection using IDC contacts and tool-free wire contacting
A flat side cutter is only required to cut the wires to length
Cable entry with 360° braided shield contact. Strain relief via plug terminal.
The RJ45 plug can be reconnected

General properties

Operating temperature	-40 °C - +70 °C

Mechanical properties

Connection type	IDC
Solid copper wire	0.41 mm (AWG 26) - 0.64 mm (AWG 22)
Stranded copper wire	0.14 mm² (AWG 26/7) - 0.35 mm² (AWG 22/7)
Re-connection	≥ 10 cycles (for the same or larger cross-section)
Protection class	IP20
Contact surface	Gold over nickel
Housing main material	Zinc diecast
Plugging cycles	750
Type of connector	RJ45

Standards

Connector standards	IEC 60603-7-51
PoE	IEEE 802.3at
UL certification	E316369

Versions

Material number	Product	Weight [kg]	Packing unit	GTIN / EAN
65545100ZY	RJ45 plug IP20 Cat.5 PROFINET shielded, IDC	0.01 kg	1 pc.	40393910233216

Subject to technical modification

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