



The IP patch module consists of an RJ-45 module and a mounting adapter for DIN rail mounting.

Technical Data Mounting adapter

Mechanical characteristics	Housing	DIN rail mounting
General	Housing	PA
	Weight	25 g
Dimensions	Width	18 mm
	Height	73 mm
	Depth	70 mm
	Mounting width	1 module at 18 mm

Technical Data RJ-45 module

Mechanical characteristics	Poles	8-pin
	IDC terminals	8
General	Housing of shielding	zinc diecast
	Shielded connection	360°-contact, contact bridge for data cable with Ø 6 – 10 mm, strain relief via cable ties
	Operating temperature	-40 °C to +70 °C
	Protection class (DIN EN 60 529)	IP21
	Safety class (DIN EN 61140)	II (not grounded) I (grounded)
	Miscellaneous	halogen-free
	Weight	27 g
Dimensions	Width	43 mm
	Height	31 mm
	Depth	15 mm

Plug connection/socket	Design	E DIN IEC 60 603-7-5:2003-03
	Connection	IDC terminals for a conductor 0,51 – 0,63 mm Ø, AWG 22 – 24, Outside diameter 0,7 – 1,6 mm (PE), 1 wire per contact, resusable at least 10 times
	Structure	Flexible printed circuit board made of polymimide with mechanical spring elements
	Surface contact spring	1,5 µm Ni/0,8 µm Au
	Material housing	PBT
	Plug-in-cycles	at least 1000
Electrical characteristics	Nominal voltage	72 V DC, suitable for TNV circuits acc. DIN EN 60 950-1
	Operating current	500 mA, suitable for PoE+ (Power over Ethernet) according to IEEE 802.3at
	Dielectric strenght	1000 V (contact-contact) 1500 V (contact-housing)
	Insulation resistance	at least 500 MOhm
	Contact resistance	Signal contact: 20 mOhm, Shield contact: 100 mOhm
	Colour code	T568A and T568B acc. TIA/EIA-568-B.2
Transmission characteristics of plug connectors/sockets	DIN EN 50 173-1:2003-06	Category 6
	ISO/IEC 11 801 A2:2010 Cat.6 _A , Class E _A , screened	10 Gbit/s/500 MHz
Conformity mark	CE	