

IE-TO-RJ45-FJ-P

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Mounting rail outlet, RJ45 module design according to IEC 60603-7-51, for wires with diameters up to 1.6 mm

General ordering data

Version	Mounting rail outlet, RJ45, PROFINET, IP20, Cat.5 (ISO/IEC 11801)
Order No.	8946950000
Type	IE-TO-RJ45-FJ-P
GTIN (EAN)	403224873493 1
Qty.	10 items

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Net weight 54.2 g

Temperatures

Storage temperature	Operating temperature	-40 °C...70 °C
Installation temperature	Humidity	0...93 % rel. humidity

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General data

Reference product	IE-BI-RJ45-FJ-P	Connection 1	RJ45
Connection 2	IDC	Composition	Switchable volt. connection from module/ coupling to mounting rail
Wiring	PROFINET	Colour	Light Grey
Shock resistance acc. to IEC 605 12-6-3	250 ms-2	Vibration resistance acc. to IEC 605 12-6-4	50 ms-2 sinusoidal (9... 500 Hz)
Humidity	0...93 % rel. humidity	Housing main material	PA UL 94 V0, PA 66 UL V0 E63957
Insulation cross-section, max.	1.6 mm	Category	Cat.5 (ISO/IEC 11801)
Contact material	Spring steel, Ni 1.2 µm	Contact surface	Au ≥ 0.8 µm
Connection diameter, solid	0.4...0.64 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Connection diameter, flexible	0.48...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22
Sheath diameter, min.	5.5 mm	Sheath diameter, max.	10 mm
Type of mounting	TS 35	Shielding	Yes
Protection degree	IP20	Plugging cycles	750 (RJ45)
Ability to reconnect	≥ 10 cycles for AWG 23-26, ≥ 4 cycles for AWG 22		

Electrical properties

Contact resistance	≤ 20 mΩ	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Insulation resistance	500 MΩ
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3bt

General standards

Connector standard IEC 60603-7-51

Classifications

ETIM 8.0	EC000313	ETIM 9.0	EC000313
ETIM 10.0	EC000313	ECLASS 14.0	27-44-03-20
ECLASS 15.0	27-44-03-20		

Dimensioned drawing

