

IE-TO-RJ45-FJ-B**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, EIA/TIA T568 B, IP20, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Order No.	8946940000
Type	IE-TO-RJ45-FJ-B
GTIN (EAN)	4032248734924
Qty.	10 pc(s).

Creation date March 29, 2021 11:51:10 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	54.4 g
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Temperatures

Operating temperature	-40 °C...70 °C	Humidity	0...93 % rel. humidity
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General data

Connection 1	RJ45	Connection 2	IDC
Configuration	Switchable volt. connection from module/ coupling to mounting rail	Wiring	EIA/TIA T568 B
Colour	Light Grey	Shock resistance acc. to IEC 60512-4	250 ms ⁻²
Vibration resistance acc. to IEC 60512-4	50 ms ⁻² sinusoidal (9...500 Hz)	Humidity	0...93 % rel. humidity
Housing main material	PA UL 94 V0	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)
Contact material	Spring steel, Ni 1.2 µm	Contact surface	Au ≥ 0.8 µm
Connection diameter, solid	0.4...0.64 mm	Wire connection diameter, solid, min.	0.4 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22	Wire connection diameter, solid, max.	0.64 mm
Connection diameter, flexible	0.48...0.76 mm	Wire cross-section, solid, min. (AWG)	AWG 24
Wire cross-section, solid, max. (AWG)	AWG 22	Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22
Wire connection diameter, flexible, min.	0.48 mm	Wire connection diameter, flexible, max.	0.76 mm
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, finely stranded, max. (AWG)	AWG 22
Sheath diameter, min.	5.5 mm	Sheath diameter, max.	10 mm
Type of mounting	TS 35	Protection degree	IP20
Plugging cycles	750	Ability to reconnect	≥ 10 cycles for AWG 23-26, ≥ 4 cycles for AWG 22

Electrical properties

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

General standards

Connector standard	IEC 60603-7-51
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Classifications

ETIM 6.0	EC000313	ETIM 7.0	EC000313
ECLASS 9.0	27-44-03-20	ECLASS 9.1	19-17-01-25
ECLASS 10.0	27-44-03-20	ECLASS 11.0	27-44-03-20

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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[ISO/IEC and TIA/EIA DE](#)[ISO/IEC EN and TIA/EIA Screened Class E Category 6, 3 connector permanent link](#)[ISO/IEC EN and TIA/EIA Screened Class E Category 6, 4 connector channel](#)[ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 2 connector channel](#)[Compliance Statement Screened Category 6 ISO/IEC EN and TIA/EIA Connecting Hardware](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[MAN IE GUIDE DE](#)[MAN IE GUIDE EN](#)[Manual](#)

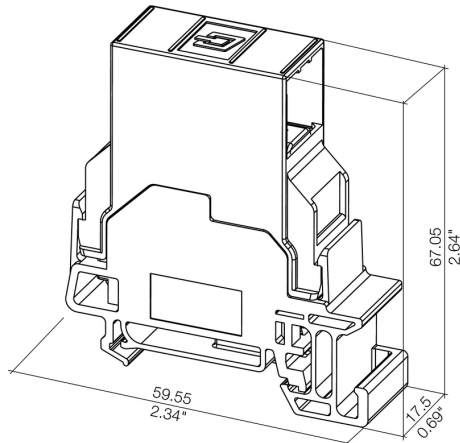
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Drawings

Dimensioned drawing



Drawing

