

IE-FCM-RJ45-FJ-B**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.comService interface FrontCom[®] Micro with RJ45 in IP65**General ordering data**

Version	FrontCom Micro RJ45 module, TIA-568B
Order No.	1018820000
Type	IE-FCM-RJ45-FJ-B
GTIN (EAN)	4032248730070
Qty.	10 pc(s).

Creation date March 22, 2021 2:44:05 PM CET

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

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Technical data

Dimensions and weights

Net weight	40 g	Wall thickness, max.	3 mm
Wall thickness, min.	1 mm		

Temperatures

Operating temperature	-40 °C...70 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Connection 1	RJ45	Connection 2	IDC
Description of article	FrontCom Micro RJ45 module	Wiring	TIA-568B
Colour	black	Housing main material	PA UL 94 V0
Insulation cross-section, max.	1.6 mm	Category	Cat.6A / Class EA (ISO/IEC 11801 2010)
Contact surface	Gold over nickel	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	Cabinet, Distribution box
Shielding	360° shield contact	Protection degree	IP65, in closed state
Plugging cycles	750		

Electrical properties

PoE / PoE+	conforming to IEEE 802.3af
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General standards

Certificate no. (cULus)	E316369	Connector standard	IEC 60603-7-51
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Standards

Connector standard	IEC 60603-7-51
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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ECLASS 9.0	27-44-03-90	ECLASS 9.1	27-18-90-90
ECLASS 10.0	27-44-03-90	ECLASS 11.0	27-44-03-90

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Approvals



ROHS	Conform
UL File Number Search	E316369

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369
Engineering Data	STEP
Engineering Data	WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual

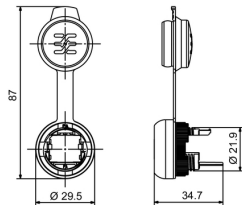
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Drawings

Dimensioned drawing



Installation cut-out

