IE-FCM-RJ45-FJ-B

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Service interface FrontCom® Micro with RJ45 in IP65

General ordering data

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

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Technical data

Dimensions and weights

Wall thickness, min.	1 mm	Wall thickness, max.	5 mm
Net weight	28.88 g		

Temperatures

Operating temperature	-40 °C...70 °C

General data

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

Electrical properties

Dielectric strength, contact / contact	≥ 1000 V AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/DC
PoE / PoE+	conforming to IEEE 802.3bt		

General standards

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

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	EC001031
ECLASS 9.0	27-18-27-02	ECLASS 9.1	27-18-27-90
ECLASS 10.0	27-18-27-02	ECLASS 11.0	27-18-27-02
ECLASS 12.0	27-18-28-92	ECLASS 13.0	27-18-28-92

Approvals

Approvals	c UL us LISTED
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Creation date March 28, 2024 9:49:53 AM CET

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369
Engineering Data	CAD data – STEP
Product Change Notification	Technical change of the housing of the FrontCom® Micro Technische Änderung des Gehäuses der FrontCom® Micro
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

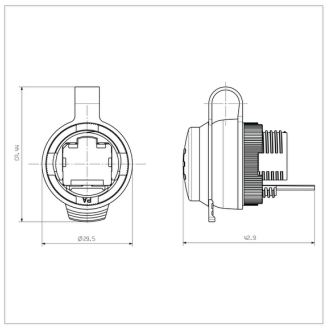
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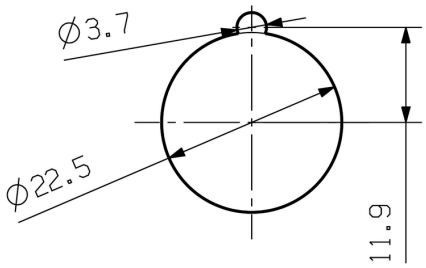
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Drawings

Dimensioned drawing



Installation cut-out



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Accessories

Complementary products



SM is a MultiCard marker for labelling control and signalling devices. The tags are clipped into the carriers or attached by means of the adhesive film already fitted to them. Customised tags can be created with the PrintJet CONNECT or Plotter marking systems.

- Users can quickly produce tags to suit their needs
- No need to stock expensive standard tags
- Highly resistant printing quality when using the PrintJet as a substitute for engraving
- For extreme demands, we recommend the ETO SM protective film
- Holders can be used for the 22-mm or 30-mm-diameter push-buttons from Siemens, ABB, Moeller and Télémécanique

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	SM-H 27/18 SW	Version
Order No.	1716630000	SwitchMark, Accessories, 48 x 27 mm, black
GTIN (EAN)	4008190343194	
Qty.	25 pc(s).	

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Accessories

Blank



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General ordering data

Type	SM 27/18 MC NE WS	Version
Order No.	1699860000	SwitchMark, Device markers, 18 x 27 mm, SwitchMark holder, white
GTIN (EAN)	4008190892302	
Qty.	80 pc(s).	

Cable-lug sleeves



Insulated tab-connector sleeves made from PVC with copper sleeve

- Commercially available designs
- Not soldered
- With conical entry funnel

General ordering data

Type	LIF 1,5F288 R	Version
Order No.	9200520000	cable lug, terminal end,Insulated cable connector,1.5 mm²,0.5 mm² -
GTIN (EAN)	4032248410361	1.5 mm²
Qty.	100 pc(s).	

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Accessories

straight



Assembled IE cables, patch cable Cabinet Line, Cat. 6, LSZH, grey

General ordering data

Type	IE-C6FP8LD0010M40M40-D	Version
Order No.	1165940010	Patch cable, RJ45 IP 20, RJ45 IP 20, <20 m: Cat.6A / >20 m Class EA
GTIN (EAN)	4032248956098	(ISO/IEC 11801 2010), LSZH, 1 m
Qty.	1 pc(s).	

IE fastening tool



The mounting tool helps you to tighten the locknut when mounting the flange of version 04.
Comments:
- Standard tool
- made from tough plastic

General ordering data

Type	IE-FISP-V4	Version
Order No.	9204370000	Mounting tool
GTIN (EAN)	4032248660780	
Qty.	2 pc(s).	

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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.
Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.
Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 9/11 K MC NE WS	Version
Order No.	1857440000	ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248402731	
Qty.	200 pc(s).	