

IE-FC-DFM-KNOB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

General ordering data

Version	FrontCom, Double frame, Metal cover, Control knob locking
Order No.	2003170000
Type	IE-FC-DFM-KNOB
GTIN (EAN)	4050118387032
Qty.	1 pc(s).

IE-FC-DFM-KNOB

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Technical data

Dimensions and weights

Depth	27.5 mm	Depth (inches)	1.083 inch
Height	134 mm	Height (inches)	5.276 inch
Width	132 mm	Width (inches)	5.197 inch
Wall thickness, min.	1 mm	Wall thickness, max.	5 mm
Net weight	824.97 g		

Temperatures

Operating temperature	-40 °C...70 °C
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General data

Material cover	Zinc diecast, powder-coated	Material frame	Zinc diecast
Product type	Double frame, Metal cover, Control knob locking	Protection class (UL)	Type 12
Protection degree	IP65, in closed state		

General standards

Certificate No. (CSA)	2000039-80039714	Certificate No. (cURus)	E223801
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Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	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	ECLASS 14.0	27-18-28-92
ECLASS 15.0	27-18-28-92		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223801

Downloads

Engineering Data	CAD data – STEP
User Documentation	Manual Designation key / Type key
Catalogues	Catalogues in PDF-format

Creation date May 11, 2025 8:49:47 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

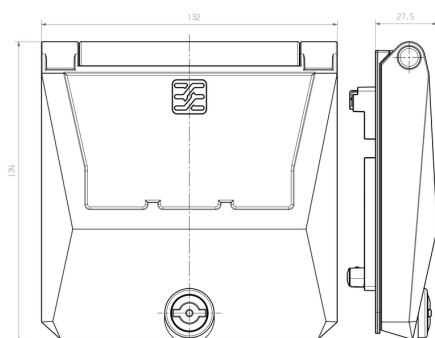
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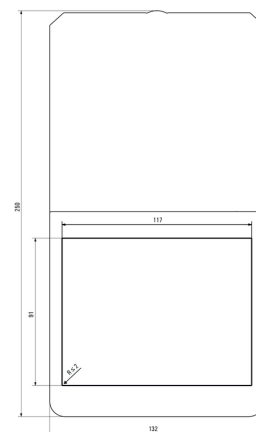
Drawings

Dimensioned drawing



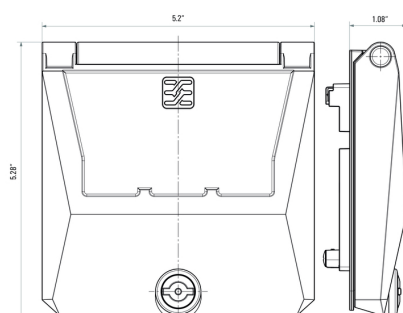
Unit: mm

Installation cut-out



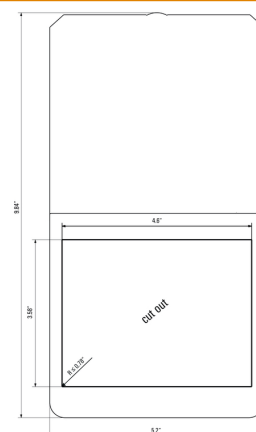
Unit: mm

Dimensioned drawing



Unit: in

Installation cut-out



Unit: in

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www.weidmueller.com**Accessories****Accessories for FrontCom Vario****General ordering data**

Type	IE-FC-DF-IPH	Version
Order No.	2003340000	FrontCom, Strip (for mounting single insert plates)
GTIN (EAN)	4050118387094	
Qty.	1 pc(s).	
Type	IE-FC-PWPC	Version
Order No.	1450820000	FrontCom, Touch-safe protection, Single frame
GTIN (EAN)	4050118255584	
Qty.	1 pc(s).	

USB**USB inserts for FrontCom®****General ordering data**

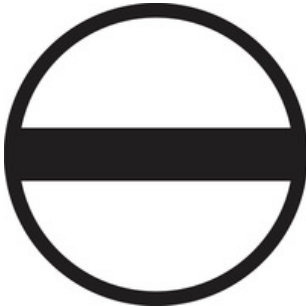
Type	IE-BI-USB-3.0-A	Version
Order No.	1487920000	USB insert, Flange insert, type A
GTIN (EAN)	4050118298208	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.4X2.5X75	Version
Order No.	9009030000	Screwdriver, Screwdriver
GTIN (EAN)	4032248266944	
Qty.	1 pc(s).	

Crosshead screwdriver Pozidriv

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PZ1	Version
Order No.	9008530000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056521	
Qty.	1 pc(s).	

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Accessories

unshielded



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General ordering data

Type	IE-FC-DIP-BP	Version
Order No.	2004890000	FrontCom, Insert plate, unshielded
GTIN (EAN)	4050118389296	
Qty.	1 pc(s).	
Type	IE-FC-IP-BP	Version
Order No.	1450710000	FrontCom, Insert plate, unshielded
GTIN (EAN)	4050118255287	
Qty.	1 pc(s).	

Blank, adhesive backing



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 27/18 K MC NE GR	Version
Order No.	1073340000	SwitchMark, Device markers, 18 x 27 mm, grey
GTIN (EAN)	4032248831425	
Qty.	80 pc(s).	
Type	SM 27/18 K MC NE SI	Version
Order No.	1713760000	SwitchMark, Device markers, 18 x 27 mm, silver
GTIN (EAN)	4008190331177	
Qty.	80 pc(s).	

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Accessories

Type	SM 27/18 K MC NE WS	Version
Order No.	1707270000	SwitchMark, Device markers, 18 x 27 mm, white
GTIN (EAN)	4008190925116	
Qty.	80 pc(s).	

Signal - D-SUB



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General ordering data

Type	IE-FCI-D9-FF	Version
Order No.	1450840000	FrontCom, Signal insert D-Sub, 9-pole, Socket / socket
GTIN (EAN)	4050118255737	
Qty.	1 pc(s).	

Power sockets



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General ordering data

Type	IE-FCI-PWB-DE	Version
Order No.	1450730000	FrontCom, Insert Power large, Type F, Socket connector, DE
GTIN (EAN)	4050118255546	
Qty.	1 pc(s).	
Type	IE-FCI-PWB-CN	Version
Order No.	1450790000	FrontCom, Insert Power large, Type I, Socket connector, CN
GTIN (EAN)	4050118255386	
Qty.	1 pc(s).	
Type	IE-FCI-PWS-US	Version
Order No.	1450800000	FrontCom, Insert Power US, Type B, Socket connector, US
GTIN (EAN)	4050118255638	
Qty.	1 pc(s).	

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Accessories

RJ45



RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14,
HDC and junction boxes IE-OM...; IE-OP...; IE-CC...

General ordering data

Type	IE-BI-RJ45-C	Version
Order No.	1962840000	RJ45 insert socket, Bulkhead inserts coupler
GTIN (EAN)	4032248645046	
Qty.	10 pc(s).	
Type	IE-BI-RJ45-FJ-P	Version
Order No.	1963830000	RJ45 insert socket, Connector for base, PROFINET
GTIN (EAN)	4032248646159	
Qty.	10 pc(s).	

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 7/20 SIRIUS MC NE WS	Version
Order No.	1736181044	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190985950	
Qty.	200 pc(s).	

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Accessories

Signal - VGA, HDMI, DP



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General ordering data

Type	IE-FCI-HDMI-FF	Version
Order No.	2003390000	FrontCom, HDMI coupling, Signal insert HDMI, Socket / socket
GTIN (EAN)	4050118387414	
Qty.	1 pc(s).	

shielded



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General ordering data

Type	IE-FC-DSP-CI/3A/2ST/1D9	Version
Order No.	2004810000	FrontCom, Insert plate, shielded
GTIN (EAN)	4050118389289	
Qty.	1 pc(s).	
Type	IE-FC-SP-PWU/2ST	Version
Order No.	1450620000	FrontCom, Insert plate, shielded
GTIN (EAN)	4050118255270	
Qty.	1 pc(s).	
Type	IE-FC-SP-PWB/2ST	Version
Order No.	1450550000	FrontCom, Insert plate, shielded
GTIN (EAN)	4050118255256	
Qty.	1 pc(s).	
Type	IE-FC-SP-2ST/2D9	Version
Order No.	1450590000	FrontCom, Insert plate, shielded
GTIN (EAN)	4050118255263	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	IE-FC-DSP-PWB/2ST/FILS	Version
Order No.	2067080000	FrontCom, Insert plate, shielded
GTIN (EAN)	4050118415612	
Qty.	1 pc(s).	