

IE-CD-V14MRJ/VAPM24V-C-MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Double junction box / coupling, design for FreeCon
PushPull plug-in connectors ver. 14 according to IEC
61076-3-117 with RJ45 and PushPull Power

General ordering data

Version	Junction box, FreeCon, RJ45, Plug-in connector, Supply, IP65
Order No.	1068820000
Type	IE-CD-V14MRJ/VAPM24V-C-MA
GTIN (EAN)	4032248823918
Qty.	1 pc(s).

IE-CD-V14MRJ/VAPM24V-C-MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Depth	61 mm	Depth (inches)	2.402 inch
Height	52 mm	Height (inches)	2.047 inch
Width	80 mm	Width (inches)	3.15 inch
Net weight	451.6 g		

Temperatures

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

General data

Colour	silver	Housing main material	Aluminium profile, Cover: die-cast zinc, painted
Plugging cycles	≥ 100	Protection degree	IP65
Type of mounting	Screw mounting	UL 94 flammability rating	V-0

Technical data RJ45 coupling

Category (RJ45 coupling)	Cat.6A / Class EA (ISO/IEC 11801 2010)	Contact resistance (RJ45 coupling)	≤ 20 mΩ
Contact surface (RJ45 coupling)	Gold over nickel	Current carrying capability (RJ45 coupling)	1 A
Dielectric strength, contact - contact, min. (RJ45 coupling)	≥ 1000 V DC	Dielectric strength, contact - shielding, max. (RJ45 coupling)	≥ 1500 V DC
Housing base material (RJ45 coupling)	Zinc diecast	Insulation resistance (RJ45 coupling)	> 500 MΩ

General standards

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-5
-------------------------	---------	--------------------	--

Technical specifications for power connector

Cable seal material (power connector)	TPE	Contact carrier material (power connector)	PA
Contact material (power connector)	Copper alloy	Contact surface (power connector)	Gold over nickel
Current capacity at 50 °C (power connector)	16 A	Housing base material (power connector)	Zinc diecast, nickel-plated
Interlock type (power connector)	Push Pull	Nominal voltage (power connector)	24 V
Plugging cycles (power connector)	≤ 100	Pollution degree (power connector)	2
Seal material (power connector)	NBR		

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ECLASS 9.0	27-44-02-02	ECLASS 9.1	27-44-03-92
ECLASS 10.0	27-44-02-02	ECLASS 11.0	27-44-02-02
ECLASS 12.0	27-44-02-02	ECLASS 13.0	27-44-02-02

IE-CD-V14MRJ/VAPM24V-C-MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Downloads

Approval/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 DUXR.E316369 PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

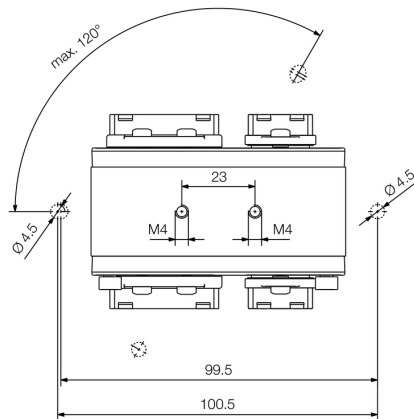
IE-CD-V14MRJ/VAPM24V-C-MA

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

www.weidmueller.com

Drawings

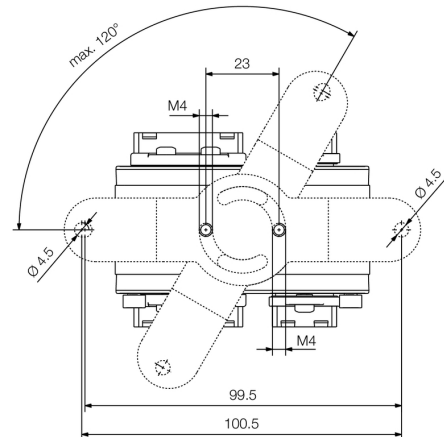
Dimensioned drawing



Bottom view

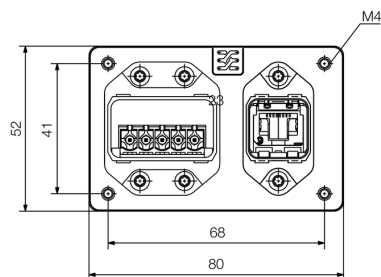
Dimensioned drawing

Dimensioned drawing

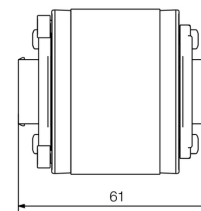


Bottom view with mounting foot

Dimensioned drawing



Front view



Side view

Wiring diagram

RJ45	RJ45	Power	Power
1 ——— 1	1 ——— 1		
2 ——— 2	2 ——— 2		
3 ——— 3	3 ——— 3		
4 ——— 4	4 ——— 4		
5 ——— 5	5 ——— 5		
6 ——— 6			
7 ——— 7			
8 ——— 8			

IE-CD-V14MRJ/VAPM24V-C-MA

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

www.weidmueller.com

Accessories**Dust caps**

For protecting your devices against dust and dirt.

General ordering data

Type	IE-BP-VAPP	Version
Order No.	1068930000	Flange-mounted housing, protective cap
GTIN (EAN)	4032248823093	
Qty.	10 pc(s).	
Type	IE-BP-V14P	Version
Order No.	1058310000	Flange-mounted housing, protective cap
GTIN (EAN)	4032248799404	
Qty.	10 pc(s).	

PVC

Assembled IE cables, PROFINET, with push-pull power plug connector according to PROFINET specifications

**General ordering data**

Type	IE-CSPS5VS0010VAPVAP-X	Version
Order No.	1350120010	System cable, PushPull Power, PushPull Power, PVC, 1 m
GTIN (EAN)	4050118165296	
Qty.	1 pc(s).	

IE-CD-V14MRJ/VAPM24V-C-MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Sets**

PushPull Power plug-in connector according to PROFINET specification

General ordering data

Type	IE-PS-VAPM-5P-2.5	Version
Order No.	2465440000	Power connector, Plug, PROFINET, Set of connectors
GTIN (EAN)	4050118522136	
Qty.	1 pc(s).	

Sets - RJ45

PushPull plug-in connector set according to IEC 61076-3-117 ver. 14 (PROFINET), metal incl. RJ45 insert

General ordering data

Type	IE-PS-V14M-RJ45-FH-P	Version
Order No.	1012170000	Plug insert RJ45 tool-free, Variant 14 metal, Cat.5 (ISO/IEC 11801)
GTIN (EAN)	4032248719815	
Qty.	10 pc(s).	

IE-CD-V14MRJ/VAPM24V-C-MA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Dragline cable Cat.5 PUR - RJ45 V14 IP67**

Assembled IE cables, PROFINET, Cat. 5, PUR, green, drag-chain compatible, PushPull plug-in connector according to IEC 61076-3-117 ver.14

General ordering data

Type	IE-C5DD4UG0010A2EA2E-X	Version
Order No.	1119730010	Dragline cable, PROFINET, RJ45 IP 67 PushPull V14 metal, RJ45 IP
GTIN (EAN)	4032248985463	67 PushPull V14 metal, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B),
Qty.	1 pc(s).	PUR, 1 m