

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 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E316369

Dimensions and weights

Depth	61 mm	Depth (inches)	2.4016 inch
Height	52 mm	Height (inches)	2.0472 inch
Width	80 mm	Width (inches)	3.1496 inch
Net weight	451.6 g		

Temperatures

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

Environmental Product Compliance

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

General data

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

Technical data RJ45 coupling

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

General standards

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

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

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Seal material (power connector)	NBR	Contact carrier material (power connector)	PA
Nominal voltage (power connector)	24 V		

Classifications

ETIM 7.0	EC002597	ETIM 8.0	EC002597
ETIM 9.0	EC002597	ETIM 10.0	EC002597
ECLASS 9.1	27-44-03-18	ECLASS 10.0	27-44-03-18
ECLASS 11.0	27-44-03-18	ECLASS 12.0	27-44-03-18
ECLASS 13.0	27-44-03-18	ECLASS 14.0	27-44-03-18
ECLASS 15.0	27-44-03-18		

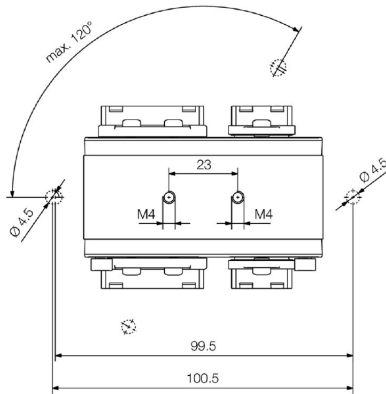
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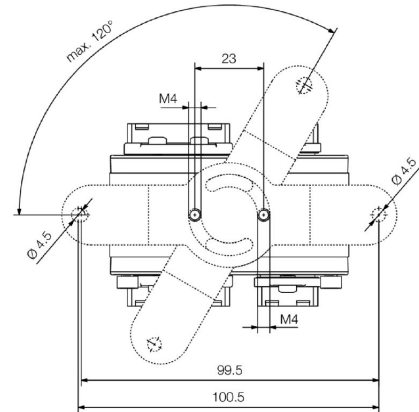
Drawings

Dimensioned drawing



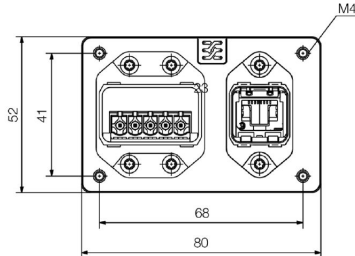
Bottom view

Dimensioned drawing



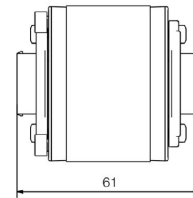
Bottom view with mounting foot

Dimensioned drawing



Front view

Dimensioned drawing



Side view

Wiring diagram

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