

IE-CDM-V14MRJSCP/VAPM-C II**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

FreeCon Active PROFINET media converter with diagnostic functionality, for PushPull Var.14 plug-in connector acc. to IEC 61076-3-117 with RJ45 and SC-RJ POF acc. to IEC 61754-24 and PushPull Power acc. to PROFINET specification.

General ordering data

Version	POF media converter, FreeCon, IP65
Order No.	2588270000
Type	IE-CDM-V14MRJSCP/VAPM-C II
GTIN (EAN)	4050118598322
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	130.4 mm	Depth (inches)	5.134 inch
Height	53 mm	Height (inches)	2.087 inch
Width	100 mm	Width (inches)	3.937 inch
Net weight	557.7 g		

Temperatures

Operating temperature	-20 °C...55 °C
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General data

Data interface	PROFINET PushPull SCRJ POF (V14), PROFINET PushPull RJ45 (V14)	Housing main material	Aluminium profile, Zinc die cast, electroplated lid
Plugging cycles	≥ 100	Power interface	PROFINET PushPull Power
Protection degree	IP65	UL 94 flammability rating	V-0
Wiring	PROFINET		

Electrical properties

Baud rate	100 MB	Current consumption	200 mA typical
LED indicator	P1: port active, P2: port active, SF: general error, BF: bus error, US1: voltage 1 (electronics), US2: voltage 2, ACT1: activity Port1, ACT2: activity Port2	Operating voltage	24 V
Operational voltage range	18...30 V DC	Protocol	PROFINET IRT

General standards

Certificate no. (cULus)	E141197	Connector standard	IEC 61076-3-117 Var. 14, IEC 61754-24, IEC 60603-7-51
Network standard	IEC 61158, IEC 61784	PROFINET specification	Conformance Class C acc. V2.3

Classifications

ETIM 6.0	EC001467	ETIM 7.0	EC001467
ETIM 8.0	EC001467	ETIM 9.0	EC001467
ECLASS 9.0	19-17-01-14	ECLASS 9.1	19-17-01-14
ECLASS 10.0	19-17-01-32	ECLASS 11.0	19-17-01-32
ECLASS 12.0	19-17-01-32	ECLASS 13.0	19-17-01-14

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b14ea46f-06a9-4191-9f88-14cc6c04a8a8

Important note

Product information	Further development of 1324440000, IE-CDM-V14MRJSCP/VAPM-C. For commissioning, the new GSDML file (see Downloads) must be installed.
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www.weidmueller.com**Technical data****Approvals**

Approvals



UL File Number Search	UL Website
Certificate no. (cULus)	E141197

Downloads

Approval/Certificate/Document of Conformity	Profinet Certification EU declaration of conformity
Engineering Data	CAD data – STEP
Software	Runtime Software – CFG configurator - Weidmueller_FreeCon Firmware – Firmware 1_02_01 / GSD - V2.34
User Documentation	Manual DE Hardware Installation Guide
Catalogues	Catalogues in PDF-format

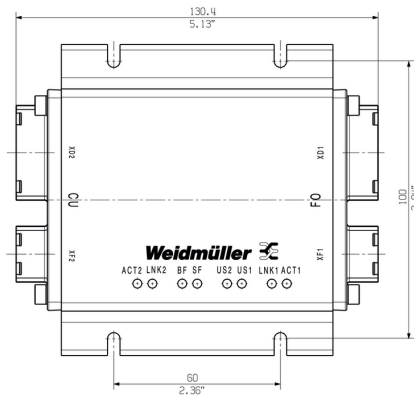
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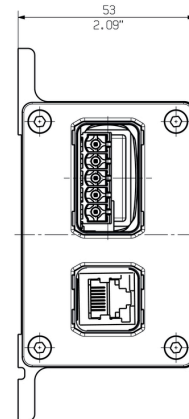
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Drawings

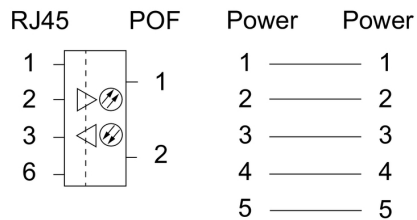
Dimensioned drawing



Dimensioned drawing



Wiring diagram



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Accessories

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).	

SC-RJ



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

General ordering data

Type	IE-PS-V14M-2SC-POF	Version
Order No.	1191550000	FO connector, Version 14, SC-RJ POF, IP67
GTIN (EAN)	4032248974436	
Qty.	10 pc(s).	
Type	IE-PS-V14M-2SC-POF-QA	Version
Order No.	2568260000	FO connector, Version 14, SC-RJ POF, reconnectable, IP67
GTIN (EAN)	4050118578928	
Qty.	10 pc(s).	

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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).	