

IE-CDR-V14MSCPOF/VAPM-C II**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

FreeCon Active PROFINET repeater for PushPull Var.14
plug-in connectors according to IEC 61076-3-117 and
PushPull Power according to the PROFINET specification

General ordering data

Version	PROFINET POF Repeater, FreeCon, IP65
Order No.	2455360000
Type	IE-CDR-V14MSCPOF/VAPM-C II
GTIN (EAN)	4050118469967
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 inch
Width	100 mm	Width (inches)	3.937 inch
Length	130.4 mm	Length (inches)	5.134 inch
Net weight	0.773 g		

Temperatures

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

Data interface	PROFINET PushPull SCRJ POF (V14)	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	FO1: port active, FO2: 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
Network standard	IEC 61158, IEC 61784	PROFINET specification	Conformance Class C acc. V2.3

Classifications

ETIM 6.0	EC000732	ETIM 7.0	EC000732
ETIM 8.0	EC000732	ETIM 9.0	EC000732
ECLASS 9.0	19-17-02-06	ECLASS 9.1	19-17-01-25
ECLASS 10.0	19-17-02-06	ECLASS 11.0	19-17-02-06
ECLASS 12.0	19-17-02-06	ECLASS 13.0	19-17-02-06

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Important note

Product information	Further development of 1253240000, IE-CDR-V14MSCPOF/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	PNO_Zertifikat_2455360000 IE-CDR-V14MSCPOF/VAPM-C II
Engineering Data	CAD data – STEP
Product Change Notification	PCN DE FreeCon Active POF Repeater PCN DE FreeCon Active POF Repeater
Software	Runtime Software – CFG configurator - Weidmueller_FreeCon Firmware – Firmware ABCC_40_PIR-FO_7360_1_13_05.hiff Device description – GSDML-V2.35 POF
User Documentation	Firmware update manual Manual EN Manual DE
Catalogues	Catalogues in PDF-format

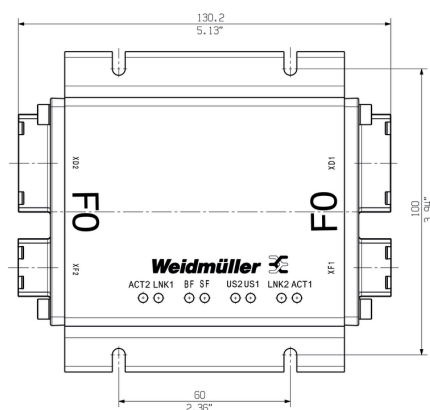
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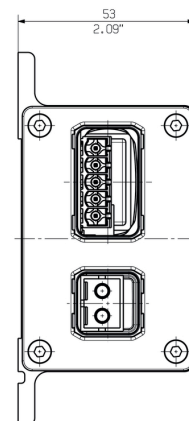
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Drawings

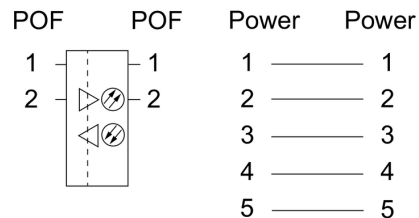
Dimensioned drawing



Dimensioned drawing



Wiring diagram



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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).	