

**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.	<a href="#">2455360000</a>
Type	IE-CDR-V14MSCPOF/VAPM-C II
GTIN (EAN)	4050118469967
Qty.	1 Stück

Erstellungs-Datum May 25, 2023 2:26:21 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### 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	Operating temperature, min.	-20 °C
Operating temperature, max.	55 °C		

### General data

Data interface	PROFINET PushPull SCRJ POF (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	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 DC
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	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

### 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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## Technische Daten

### Approvals

Approvals



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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">PNO_Zertifikat_2455360000</a> <a href="#">IE-CDR-V14MSCPOF/VAPM-C II</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">PCN DE FreeCon Active POF Repeater</a> <a href="#">PCN DE FreeCon Active POF Repeater</a>
Software	<a href="#">Runtime Software – CFG configurator - Weidmueller_FreeCon</a> <a href="#">Firmware – Firmware ABCC_40_PIR-FO_7360_1_13_05.hiff</a> <a href="#">Device description – GSDML-V2.35 POF</a>
User Documentation	<a href="#">Firmware update manual</a> <a href="#">Manual EN</a> <a href="#">Manual DE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

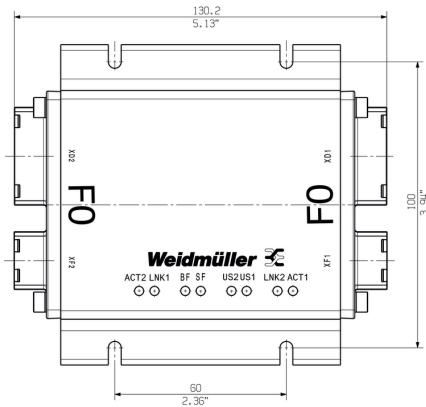
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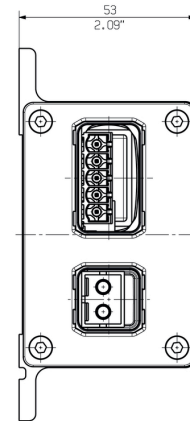
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# Zeichnungen

### Dimensioned drawing



### Dimensioned drawing



### Wiring diagram

