

**IE-CDR-V14MRJ/VAPM-C****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 copper repeater, FreeCon, IP65
Order No.	<a href="#">2581810000</a>
Type	IE-CDR-V14MRJ/VAPM-C
GTIN (EAN)	4050118590869
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	661.8 g		

## Temperatures

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

Data interface	PROFINET PushPull RJ45 (V14)	Power interface	PROFINET PushPull Power
Protection degree	IP65	Type of mounting	4 screws
UL 94 flammability rating	V-0		

## Electrical properties

Baud rate	100 MBit/s	Current consumption	100 mA
LED indicator	ACT1: activity Port1, ACT2: activity Port2, SF: general error, BF: bus error, US1: voltage 1 (electronics), US2: voltage 2, LNK1: port active, LNK2: port active	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
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

## Approvals

Approvals



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

Creation date May 23, 2024 12:00:31 PM CEST

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**Approval/Certificate/Document of Con-  
formity[Certificate](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[FreeCon Active Repeater](#)[FreeCon Active Repeater](#)[Technical change to FreeCon Active Cu Repeater](#)[Technische Änderung zu FreeCon Active CU Repeater](#)

Software

[Runtime Software – CFG configurator - Weidmueller\\_FreeCon](#)[Device description – GSDML-V2.35 COP](#)[Firmware – Firmware ABCC COP](#)

User Documentation

[Handbuch\\_FreeCon\\_Active\\_V1\\_0\\_de](#)[Handbuch\\_FreeCon\\_Active\\_V1\\_0\\_en](#)

Catalogues

[Catalogues in PDF-format](#)

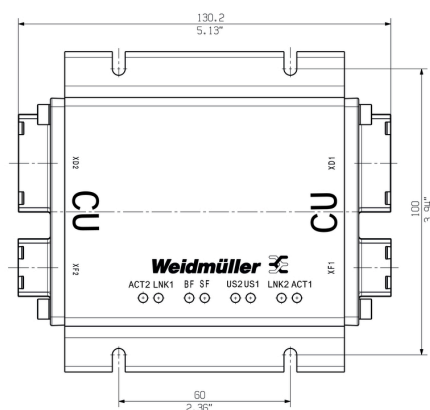
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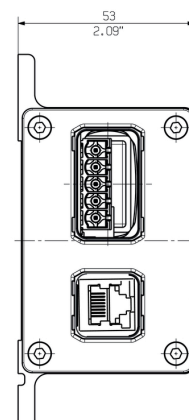
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# Drawings

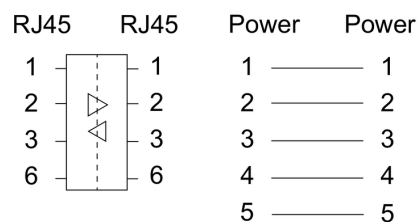
## Dimensioned drawing



## 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.	<a href="#">1012170000</a>	Plug insert RJ45 tool-free, Variant 14 metal, Cat.5 (ISO/IEC 11801)
GTIN (EAN)	4032248719815	
Qty.	10 pc(s).	

**Sets**

PushPull Power plug-in connector according to PROFINET  
specification

**General ordering data**

Type	IE-PS-VAPM-5P-2.5	Version
Order No.	<a href="#">2465440000</a>	Power connector, Plug, PROFINET, Set of connectors
GTIN (EAN)	4050118522136	
Qty.	1 pc(s).	