

**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

|            |         |
|------------|---------|
| Net weight | 661.8 g |
|------------|---------|

## Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -20 °C...55 °C |
|-----------------------|----------------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## General data

|                 |                              |                       |                                                     |
|-----------------|------------------------------|-----------------------|-----------------------------------------------------|
| Data interface  | PROFINET PushPull RJ45 (V14) | Housing main material | Aluminium profile, Zinc die cast, electroplated lid |
| Power interface | PROFINET PushPull Power      | Protection degree     | IP65                                                |

## 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 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       |
| Network standard        | IEC 61158, IEC 61784 | PROFINET specification | Conformance Class C acc. V2.3 |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000732    | ETIM 7.0    | 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| UL File Number Search | E141197 |
|-----------------------|---------|

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### Downloads

|                                             |                                                                                                                                                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Certificate</a><br><a href="#">PROFINET Manufacturer's Declaration</a>                                                              |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                            |
| Product Change Notification                 | <a href="#">FreeCon Active Repeater</a><br><a href="#">FreeCon Active Repeater</a>                                                              |
| Software                                    | <a href="#">GSDML-V2.34</a><br><a href="#">CFG configurator - Weidmueller_FreeCon</a><br><a href="#">Firmware ABCC_40_PIR_7258_1_41_06.hiff</a> |
| User Documentation                          | <a href="#">Handbuch_FreeCon_Active_V1_0_de</a><br><a href="#">Handbuch_FreeCon_Active_V1_0_en</a>                                              |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>                                                                                                        |

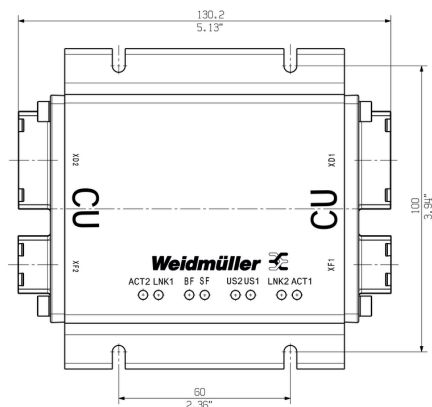
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# Drawings

## Dimensioned drawing



## Dimensioned drawing

