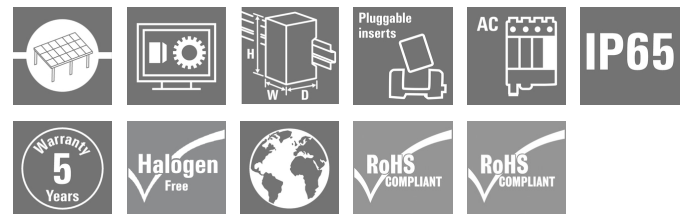


**PV CPCI16TXUXDXAXWXR2WW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Connecting photovoltaic power plants through reliable and safe industrial communications.**

Weidmüller combined its extensive experience with photovoltaic projects and industrial communication to create this portfolio of PV Communication Boxes. For this portfolio we developed 2 different product ranges:

- The “Premium” family is our most robust product. Designed to offer constant connectivity thanks to its back-up power system. And thereby offers you reliability and power in one solution.
- The new “Lite” family offers you the same signal connectivity on site as the “Premium” version, but in a more compact version.

**General ordering data**

Version	Photovoltaics, Assembled enclosure, Communication module, 230 V AC, Surge protection I, Battery powered, Current monitoring, Monitoring components, Limit value monitoring, Communication Box, RJ45, PoE
Order No.	<a href="#">8000135184</a>
Type	PV CPCI16TXUXDXAXWXR2WW
GTIN (EAN)	4099987006750
Qty.	1 pc(s).

Creation date July 22, 2024 2:56:27 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

## PV CPC16TXUXDXAXWXR2WW

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	180 mm	Depth (inches)	7.087 inch
Height	270 mm	Height (inches)	10.63 inch
Width	360 mm	Width (inches)	14.173 inch
Net weight	5,410 g		

## DC electrical properties

Earthing	Directly at the VPU	Rated voltage	230 V
Surge protection AC side	PU I 1+1 LCF 280V/12.5kA, without auxiliary contact	Surge protection WIA RS485 side (string monitoring)	No

## DC string monitoring

Monitoring function	Industrial Ethernet managed switch with RJ45 ports, Industrial PC, PoE unmanaged injector, Connection between field devices to SCADA through RS-485	Supply	Battery PRO ECO 72W 24V 3A
---------------------	---	--------	-------------------------------

## Housing

Protection degree	IP65	Type of mounting	Wall mounting
-------------------	------	------------------	---------------

## Norms and standards

Standards	IEC 61439-2 ed 3.0, EN 61439-2:2020
-----------	-------------------------------------

## Guarantee

Time interval	5 years
---------------	---------

## Enclosure

Cover	removeable	Enclosure attachment	Fixing lugs
Impact resistance	IK 10 in accordance with IEC 62262	Insulating material	Polyester glass-fibre reinforced, Polycarbonate
Switch disconnector execution	no switch	Type of mounting	Wall mounting

## General data

Installation location	Indoor use	Protection degree	IP65
Standards	IEC 61439-2 ed 3.0, EN 61439-2:2020		

## Surge protection DC side

Standards	IEC 61439-2 ed 3.0, EN 61439-2:2020
-----------	-------------------------------------

**PV CPCI16TXUXDXAXWXR2WW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Classifications**

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC003857	ETIM 9.0	EC003857
ECLASS 9.0	22-57-92-03	ECLASS 9.1	22-57-02-90
ECLASS 10.0	22-57-02-90	ECLASS 11.0	22-57-02-92
ECLASS 12.0	22-57-02-92	ECLASS 13.0	22-57-02-92

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Engineering Data	<a href="#">Thermal Report</a>
Technical Documentation	<a href="#">Mechanical Drawing</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**PV CPCI16TXUXDXAXWXR2WW**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

