

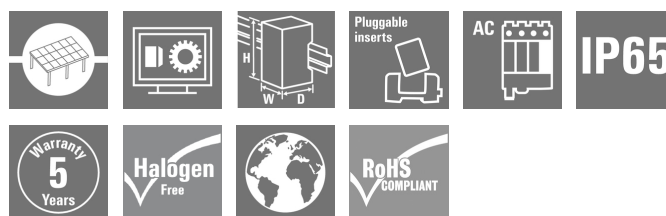
**PV CUXI16TXUXDXAXWXR2WW****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Battery powered, Current monitoring, Monitoring components, Voltage monitoring, Limit value monitoring, Communication Box, RJ45, PoE
Order No.	<a href="#">8000135185</a>
Type	PV CUXI16TXUXDXAXWXR2WW
GTIN (EAN)	4099987006767
Qty.	1 pc(s).

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## 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	3,922 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, PoE unmanaged injector, Connection between field devices to SCADA through RS-485	Supply	Battery PRO ECO 72W 24V 3A
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### Housing

Protection degree	IP65	Type of mounting	Wall mounting
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### Norms and standards

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

Time interval	5 years
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### Enclosure

Cover	removeable	Enclosure attachment	Fixing lugs
Impact resistance	IK10 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
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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

**Downloads**

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

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## Drawings

