

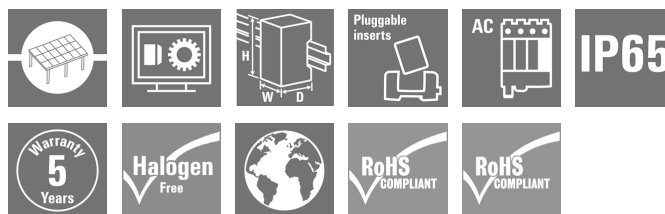
PV CUXI16TXU1DXAXWXR2WW**Weidmüller Interface GmbH & Co. KG**

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 I, Battery powered, Current monitoring, Monitoring components, Voltage monitoring, Limit value monitoring, Communication Box, RJ45
Order No.	8000101285
Type	PV CUXI16TXU1DXAXWXR2WW
GTIN (EAN)	4099986191976
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	530 mm	Height (inches)	20.866 inch
Width	430 mm	Width (inches)	16.929 inch
Net weight	16,000 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 inputs

Number of conduit inlets	2	Number of inputs	15
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DC string monitoring

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

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

Enclosure attachment	Fixing lugs	Impact resistance	IK10 in accordance with IEC 62262
Insulating material	Polyester glass-fibre reinforced, Polycarbonate	Type of mounting	Wall mounting

General data

Installation location	Protected outdoor area (>1 km from sea)	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



ROHS

Conform

Downloads

Engineering Data	Thermal Report
Technical Documentation	Mechanical Drawing
Catalogues	Catalogues in PDF-format

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Drawings

