

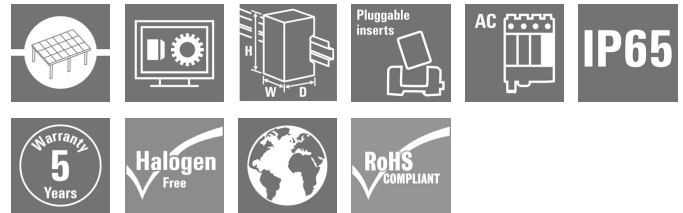
PV CUXI16TXUXDXAXWXR2WW**Weidmüller Interface GmbH & Co. KG**

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.	8000135185
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
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
ECLASS 14.0	22-57-02-92		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[Declaration of of conformity utility communication boxes](#)

Engineering Data

[Thermal Report](#)

Technical Documentation

[Mechanical Drawing](#)

User Documentation

[PV Communication Box User Manual](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

