

PV CPCI21TXU3DXAXWXR2WW

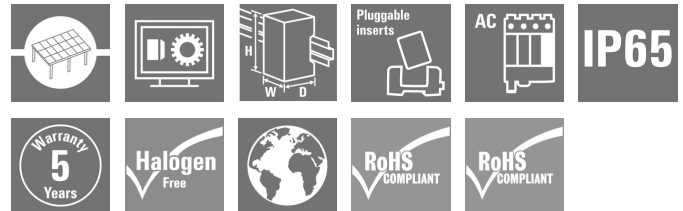
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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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.	8000101284
Type	PV CPCI21TXU3DXAXWXR2WW
GTIN (EAN)	4099986192003
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	747 mm	Height (inches)	29.409 inch
Width	536 mm	Width (inches)	21.102 inch
Net weight	25,769.57 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 PC, Industrial Ethernet managed switch with RJ45 ports, Industri- al Ethernet router with 4G and RJ45 ports	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 rein- forced, 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
ECLASS 14.0	22-57-02-92		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[Declaration 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

