

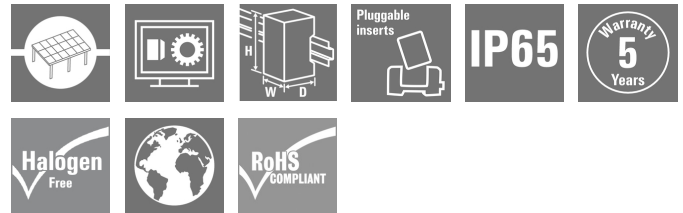
PV WUCI05TXU2D1A1WXR3WW**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Connecting photovoltaic power plants through reliable and safe industrial communications.**

To provide you with reliable information on all important weather parameters of your PV power plant Weidmüller created this portfolio of PV Weather Boxes with 2 families of products:

- Premium: Ready for immediate use, extremely robust, and protected against all-weather influences.
- Lite: The new "Lite" family offers the main functionality and protections of the "Premium" version but in a compact enclosure.

General ordering data

Version	Photovoltaics, Enclosures, Industrial Monitor, 230 V AC, Digital signals, Analog signals, RJ45, Web-based, Weather Box
Order No.	8000094711
Type	PV WUCI05TXU2D1A1WXR3WW
GTIN (EAN)	4064675857112
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	29,000 g		

Temperatures

Ambient temperature	-20°C to +50°C	Operating temperature	-20°C to +50°C
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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)	yes, no auxiliary contact

DC inputs

Number of inputs	21
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DC string monitoring

Monitoring function	Industrial Ethernet managed switch with RJ45 and SC Multi-mode ports, Remote I/O Digital Input Signals, Remote I/O Analog Input Signals, Connection between field weather sensors 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 61439-2:2011
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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

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Technical data

General data

Installation location	Protected outdoor area (>1 km from sea)	Protection degree	IP65
Standards	IEC 61439-2 ed 3.0, EN 61439-2:2011		

Surge protection DC side

Standards	IEC 61439-2 ed 3.0, EN 61439-2:2011
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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
ECLASS 14.0	22-57-02-92		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Declaration of of conformity utility communication boxes
Engineering Data	Thermal Report
Technical Documentation	Mechanical Drawing
User Documentation	PV Weather Box User Manual
Catalogues	Catalogues in PDF-format

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Drawings

