

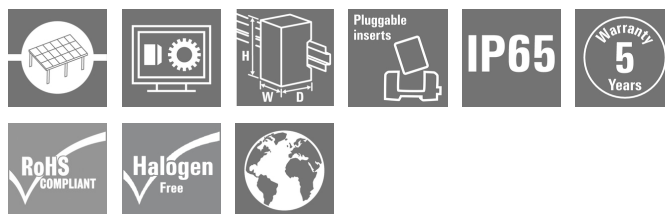
PV WUCI07TXUXDXAXWXR3WW**Weidmüller Interface GmbH & Co. KG**

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, RJ45, Web-based, Weather Box
Order No.	8000113427
Type	PV WUCI07TXUXDXAXWXR3WW
GTIN (EAN)	4099986694187
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	10,604.05 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 string monitoring

Monitoring function	Industrial Ethernet managed switch with RJ45 ports, 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	Switch disconnecter execution	no switch
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 61439-2:2011		

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www.weidmueller.com**Technical data****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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
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Approvals

Approvals

**Downloads**

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

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Drawings

