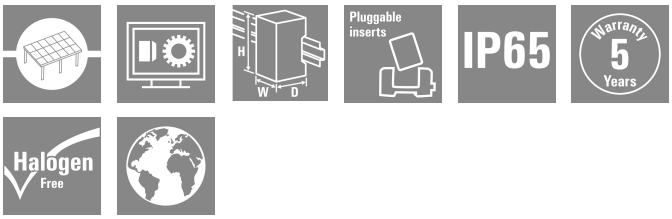
Data sheet

PV WC1IXRXPXG2SXMXS6WW

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.	8000113428
Type	PV WC1IXRXPXG2SXMXS6WW
GTIN (EAN)	4099986694217
Qty.	1 items

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Technical data

Approvals

Approvals	CE
ROHS	Conform

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	530 mm	Height (inches)	20.8661 inch
Width	430 mm	Width (inches)	16.9291 inch
Net weight	10262.69 g		

Temperatures

Ambient temperature	-20 °C...50 °C	Operating temperature	-20ºC to +50ºC

Environmental Product Compliance

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

DC electrical properties

Rated voltage	230 V	Surge protection AC side	PU I 1+1 LCF 280V/12,5kA, without auxiliary contact
Earthing	Directly at the VPU	Surge protection WIA RS485 side (string monitoring)	yes, no auxiliary contact

DC inputs

Number of inputs	11	Number of conduit inlets	9

DC string monitoring

Supply	Battery PRO ECO 72W 24V 3A	Monitoring function	Industrial Ethernet router with 4G and RJ45 ports, Connection between field weather sensors to SCADA through RS-485
Voltage monitoring	Yes		

Classifications

ETIM 8.0	EC003857	ETIM 9.0	EC003857
ETIM 10.0	EC003857	ECLASS 14.0	22-57-02-92
ECLASS 15.0	22-57-02-92		

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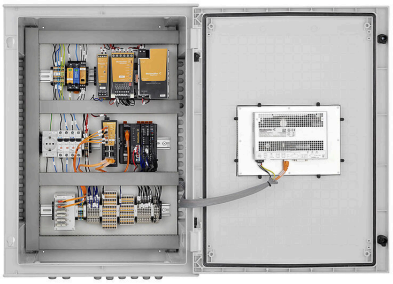
Drawings