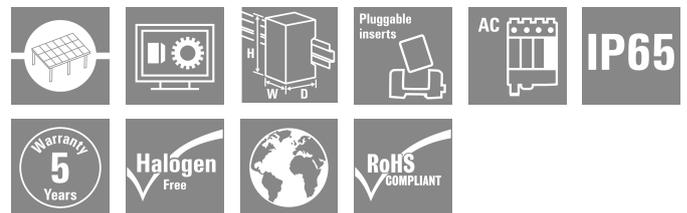


PV CPC121TXU3DXAXWXR2WW

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 backup 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 CPC121TXU3DXAXWXR2WW |
| GTIN (EAN) | 4099986192003 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|------------|-----------------|--------------|
| Depth | 300 mm | Depth (inches) | 11.811 inch |
| Height | 747 mm | Height (inches) | 29.4094 inch |
| Width | 536 mm | Width (inches) | 21.1023 inch |
| Net weight | 25638.54 g | | |

Temperatures

Ambient temperature -10 °C...40 °C

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cl |
| REACH SVHC | Lead 7439-92-1 |

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) | No |

DC inputs

| | | | |
|------------------|----|--------------------------|---|
| Number of inputs | 15 | Number of conduit inlets | 2 |
|------------------|----|--------------------------|---|

DC string monitoring

| | | | |
|--------------------|-------------------------------|---------------------|--|
| Supply | Battery PRO ECO 72W 24V 3A | Monitoring function | Industrial PC, Industrial Ethernet managed switch with RJ45 ports, Industrial Ethernet router with 4G and RJ45 ports |
| 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

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