

MOD I/O*

I/O Interface Module

The I/O module is the perfect addition to Solar-Log Base, enhancing its capabilities. With I/O module's numerous digital inputs and outputs, you are fully equipped to meet the requirements for the implementation of feed-in management. With plug and play, you just have to connect the I/O module to the Solar-Log Base.



Advantages of the Solar-Log Base and MOD I/O Module

- **Transparent pricing**
You only pay for the functions that you really need.
- **Future-proof**
Simple implementation of new functions and adjustments.
- **Easy**
Simple installation with top hat rail mounting.
- **Quick**
Plug and play with the bus connector on the Solar-Log Base.

***Please note:**

With the current version, only the PM+ function (connection to a ripple control receiver) is available. Additional functions (relays, alarms, etc.) will be available in the future with firmware updates for the Base module.

Technical Data

Interfaces

Interface for ripple control receiver (PM+)</	1 x PM (6 pin)
Digital inputs /outputs	8x I/Os

Visualization

Display on the device	Status display directly on the device
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Installation

Power supply optional	Depends on output current
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Solar-Log Base Communication

Bus connector	2 included in the delivery
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General Data

Output voltage / device output		12-24 Volt (+-10%) / typ. 2 W
	Nominal value	24 V
Input voltage	For signal „1“	15 V to 24 V (at Vin 24 V)
	For signal „0“	0 V to 5 V (at Vin 24 V)
Input current	For signal „1“	Typically 2 mA
Total current of the outputs		For power with the HBus: 250mA
		For external power supply: 1A
Output voltage	For signal „1“	Min. vin (-0,8 V)
	For signal „1“	Max. 150 mA
Output current	For signal „0“ (residual current)	Max. 0,5 mA
Ambient temperature		-20 °C to +50°C (without condensation)
Ambient temperature Storage/transport		-20°C to +60°C
Housing / dimensions (W x H x D)		53.6 mm (3 DU) x 89.7 mm x 60.3 mm
Mounting		Top hat rails IEC/EN 60715 35mm
Cable length		Max. 30m
Protection class according to EN60529		IP 20
Weight		90g
Warranty		2 years
Power supply		Via BUS
Article number		256330

