



Order Code : 20213520.24

Name : Cluster controller



Specifications:

Communications	
- Inverter	Speedwire, 10/100 Mbit/s
- Data network (LAN)	Fast Ethernet, 10/100 Mbit/s
- Data interfaces	HTTP, FTP, Modbus TCP/UDP, SMTP, Sunny Portal
Maximum radio ranges. Speedwire/LAN	100 m (between two devices)
Voltage supply	
- Input voltage	18 V DC to 30 V DC
- Power consumption	Typ. 12 W/max. 30 W
Internal Battery	1.7 GB as ring buffer
External Battery	USB mass storage (optional, available as an accessory)
USB interfaces	x2 / USB 2.0 High-Speed / type A
Digital inputs	x8
- Use	Setpoints for active and reactive power
Analog inputs	
	3 x current signal, 1 x voltage signal
- Measurement range	0 mA à 20 mA or 0 V to +10 V
- Use	Irradiation measurement, setpoints for active/reactive power or current/voltage measurement
Temperature measurement	
- Quantity/sensor type	2/PT100/PT1000 (two or four-cable connection)
- Measurement range	-40 °C to +85 °C (-40 °F to +185 °F)
- Use	Measurement of ambient and cell temperature
Digital outputs	
- Quantity/design	3/potential-free relay contacts
- Max. load tolerance	48 V DC/30 W
- Use	Error message, warning and active power limitation
Analog outputs	
- Number/signal current	2/4 mA to 20 mA
- Use	Feedback of the active and reactive power setpoints
Dimensions (l x H x P)	275 x 133 x 71 mm
Weight	0,9 kg
Ambient temperature	-25 °C to +60 °C (-13 °F to +140 °F)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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