SmartACU2000B

With SmartPID2000 Module

Without SmartPID2000 Module

SmartACU2000B (Smart Array Controller)
is a powerful integration of PV array communication and other smart functions. What's more, it supports 1000 V / 1100 V / 1500 V DC system perfectly.

Smart

- SmartLogger2000 built-in
- SmartPID2000 module built-in (optional)
- Multiple communication interfaces including PLC, RS485, Fast Ethernet, and SFP ports, flexible applications

Simple

- Integrated communication unit with multiple functions built-in
- Easy installation with SmartLogger2000 & SmartPID2000 module pre-assembled inside the cabinet

Reliable

- Industrial-level application and high reliability

Technical Specifications	SmartACU2000B-D-PLC	SmartACU2000B-D-PID/PLC
Configuration		
SmartLogger	SmartLogger2000	
RS485	Yes	
Number of PLC Module	1	1
Number of SmartPID2000 Module	0	1
Environment		
Operating Temperature Range	-40°C ~ 60°C (-40°F ~ 140°F)	
Relative Humidity	4% ~ 100%	
Max. Operating Altitude	4,000 m (13,123 ft.)	
Electrical		
Input AC Voltage for Cabinet	100 V ~ 240 V, L / N (L) + PE	
Input AC Voltage for PID	380 V ~ 800 V, 3Ph + FE (Functional Earth)	
Input AC Voltage for PLC	380 V ~ 800 V, 3Ph	
Input AC Frequency	50 Hz / 60 Hz	
Mechanical		
Cable Entries	Bottom in & out	
Maintenance	Front	
Dimensions (W x H x D)	640 x 770 x 315 mm (25.2 x 30.3 x 12.4 inch)	880 x 770 x 369 mm (34.6 x 30.3 x 14.5 inch)
Weight	29 kg (63.9 lb.)	49 kg (108.0 lb.)
Protection Degree	Type 4X (without SmartPID2000 Module)	Type 3R (with SmartPID2000 Module)
Installation Options	Wall Mounting, Rack Mounting, Pole Mounting	

Always Available for Highest Yields

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