

# SmartACU2000D

## Smart Array Controller



With SmartPID2000 Module



Without SmartPID2000 Module



### Smart

Support one-click commissioning  
Patented anti-PID module



### Simple

SmartPID2000 & Smartlogger3000B  
pre-installed with multiple interfaces



### Reliable

Industrial-level application  
and high reliability

| Technical Specifications           | SmartACU2000D-D-00                                | SmartACU2000D-D-02                           | SmartACU2000D-D-01 | SmartACU2000D-D-03                    |
|------------------------------------|---|--|--------------------|---------------------------------------|
| <b>Configuration</b>               |   |  |                    |                                       |
| SmartLogger                        | SmartLogger3000B x 1                              |  |                    |                                       |
| SmartModule1000A                   | Optional  |  |                    | Standard with<br>SmartModule1000A x 1 |
| RS485                              | Supported   |  |                    |                                       |
| Number of MBUS Module <sup>1</sup> | 1   | 2  | 1                  | 2                                     |
| Number of SmartPID2000 Module      | 0   | 0  | 1                  | 2                                     |
| <b>Environment</b>                 |   |  |                    |                                       |
| Operating Temperature Range        | -40°C ~ 60°C (-40°F ~ 140°F)                      |  |                    |                                       |
| Relative Humidity                  | 4% ~ 100%   |  |                    |                                       |
| Max. Operating Altitude            | 4,000 m (13,123 ft.)                              |  |                    |                                       |
| <b>Electrical</b>                  |   |  |                    |                                       |
| AC Input Voltage for Cabinet       | 100 V ~ 240 V, L / N (L)+ PE                      |  |                    |                                       |
| AC Input Voltage for MBUS          | 380 V ~ 800 V, 3Ph                                |  |                    |                                       |
| AC Input Voltage for PID           | 380 V ~ 800 V, 3Ph + FE (Functional Earth)        |  |                    |                                       |
| AC Input Frequency                 | 50 Hz / 60 Hz                                     |  |                    |                                       |
| Power Supply                       | Standard: 12 V DC, Optional: 24 V DC <sup>2</sup> |  |                    |                                       |
| <b>Mechanical</b>                  |   |  |                    |                                       |
| 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.)                                  | 32 kg (70.5 lb.)                             | 49 kg (108.0 lb.)  | 61 kg (134.5 lb.)                     |
| Protection Degree                  | IP65  |  |                    |                                       |
| Installation Options               | Wall Mounting, Rack Mounting, Pole Mounting       |  |                    |                                       |

1 - Compatible with communication mode of PLC (Power Line Communication).  
2 - 24V DC power supply is optional to power devices that require 24Vdc input and output.