

# SmartACU2000B

## Smart Array Controller



With SmartPID2000 Module



Without SmartPID2000 Module



### Smart

Multiple communication interfaces including MBUS, RS485, Fast Ethernet, and SFP ports, flexible applications



### Simple

Easy commissioning, SmartLogger2000 & SmartPID2000 module pre-assembled inside the cabinet



### Reliable

Industrial-level application and high reliability

| Technical Specifications           | SmartACU2000B-D-PLC                          | SmartACU2000B-D-2PLC | SmartACU2000B-D-PID/PLC                      | SmartACU2000B-D-2PID/2PLC |
|------------------------------------|----------------------------------------------|----------------------|----------------------------------------------|---------------------------|
| Configuration                      |                                              |                      |                                              |                           |
| SmartLogger                        | SmartLogger2000                              |                      |                                              |                           |
| RS485                              | Yes                                          |                      |                                              |                           |
| Number of MBUS Module <sup>1</sup> | 1                                            | 2                    | 1                                            | 2                         |
| Number of SmartPID2000 Module      | 0                                            | 0                    | 1                                            | 2                         |
| 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 MBUS          | 380 V ~ 800 V, 3Ph                           |                      |                                              |                           |
| Input AC Voltage for PID           | 380 V ~ 800 V, 3Ph + FE (Functional Earth)   |                      |                                              |                           |
| 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.)                             | 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  |                      |                                              |                           |

<sup>1</sup> - Compatible with communication mode of PLC (Power Line Communication).