

## Data sheet

### OP 03, Operator Panel (603-1OP00)

#### Technical data

<b>Order no.</b>	<b>603-1OP00</b>
Type	OP 03, Operator Panel

#### General information

Note	-
Features	Display: 2 x 20 characters Interface: MP <sup>2</sup> I User memory: 256 kB Languages: DE, EN, FR, ES, IT, SV, NO, DA Project engineering via VIPA OP-Manager or Siemens ProTool

#### Display

Number of rows	2
Characters per row	20
Character height	5 mm
Type of display	STN with LED backlighting


#### OP functionality

User memory	256
Number of variables	4096
Language	DE/EN/FR/ES/IT/SV/NO/DA

#### Operating controls

Touchscreen	-
Keyboard	Membran keyboard
Mouse	-
Number of system keys	8
Number of soft keys	5

#### Technical data power supply

Power supply (rated value)	DC 24 V
Power supply (permitted range)	DC 20.4...28.8 V
Reverse polarity protection	
Current consumption (no-load operation)	80 mA
Current consumption (rated value)	500 mA
Inrush current	55 A
I <sub>Δt</sub>	0.34 A <sup>2</sup> s

#### Time

Real-time clock	
Clock buffered period (min.)	-
Accuracy (max. deviation per day)	-

#### Functionality Sub-D interfaces

Type	MP <sup>2</sup> I
Type of interface	RS485

Connector	Sub-D, 9-pin, female
Electrically isolated	-
MPI	✓
MP2I (MPI/RS232)	✓
Point-to-point interface	-

### Mechanical data

#### Housing / Protection type

Material	die-cast aluminum
Mounting	via integrated pivoted lever
Protect type front side	IP 65
Protect type back side	IP 20

#### Dimensions

Front panel	187 mm x 90 mm x 6 mm
Rear panel	154 mm x 77 mm x 55 mm

#### Installation cut-out

Width	156 mm
Height	78 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Weight	600 g

#### Environmental conditions

Operating temperature	0 °C to 60 °C
Storage temperature	-20 °C to 70 °C

#### Certifications

UL508 certification	yes
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