YASKAWA

Data sheet
Operator Panel OP 03 (603-1OP00)

Technical data

Order no.	603-1OP00
Type	Operator Panel OP 03
General information	
Note	-
Features	Display: 2 x 20 characters Interface: MP²I 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	yes
Current consumption (no-load operation)	80 mA
Current consumption (rated value)	500 mA
Inrush current	55 A
I²t	0.34 A²s
Time	
Real-time clock	yes
Clock buffered period (min.)	-
Accuracy (max. deviation per day)	-
Functionality Sub-D interfaces	
Type	MP²I
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	-
MPI	yes
MP²I (MPI/RS232)	yes

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Point-to-point interface	-
5V DC Power supply	max. 90mA, non-isolated
24V DC Power supply	-
Mechanical data	
Housing / Protection class	
Material	die-cast aluminum
Mounting	via integrated pivoted lever
Protection class IP front side	IP 65
Protection class IP back side	IP 20
Protection class NEMA front side	-
Protection class NEMA back side	-
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
Net weight	600 g
Weight including accessories	-
Gross weight	-
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-20 °C to 70 °C
Certifications	
UL certification	yes
KC certification	-
UKCA certification	-
ChinaRoHS certification	-
DNV certification	-
EU MR certification	-

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