




Text displays and operator panels

Lines displays Text displays and operator panels					
603-1TD00					
603-1OP00					
603-1OP10					

Order number	603-1TD00	603-1OP00	603-1OP10	
Figure				
Type	TD 03, Text Display	OP 03, Operator Panel	OP 03, Operator Panel, en, ru	
General information				
Note	-	-	-	
Features	<ul style="list-style-type: none"> ▸ 2 x 20 characters ▸ MP21 ▸ DE, EN, FR, ES, IT, SV, NO, DA ▸ Visualization of the connected CPU via MPI 	<ul style="list-style-type: none"> ▸ 2 x 20 characters ▸ MP21 ▸ 256 kB user memory ▸ 4096 variables ▸ DE, EN, FR, ES, IT, SV, NO, DA ▸ Project engineering via VIPA OP-Manager or Siemens ProTool 	<ul style="list-style-type: none"> ▸ 2 x 20 characters ▸ MP21 ▸ 256 kB user memory ▸ 4096 variables ▸ DE (without Umlaut), EN, RU ▸ Project engineering only via VIPA OP-Manager 	
Display				
Number of rows	2	2	2	
Characters per row	20	20	20	
Character height	5 mm	5 mm	5 mm	
Type of display	STN with LED backlighting	STN with LED backlighting	STN with LED backlighting	
OP functionality				
User memory	-	256	256	
Number of variables	-	4096	4096	
Language	DE/EN/FR/ES/IT/SV/NO/DA	DE/EN/FR/ES/IT/SV/NO/DA	DE (w/o umlauts)/EN/RU	
Operating controls				
Touchscreen	-	-	-	
Keyboard	Membran keyboard	Membran keyboard	Membran keyboard	
Mouse	-	-	-	
Number of system keys	5	8	8	
Number of soft keys	4	5	5	
Technical data power supply				
Power supply (rated value)	DC 24 V	DC 24 V	DC 24 V	
Power supply (permitted range)	DC 20.4...28.8 V	DC 20.4...28.8 V	DC 20.4...28.8 V	
Current consumption (rated value)	80 mA	80 mA	80 mA	
Inrush current	3 A	3 A	3 A	
Time				
Real-time clock	-	✓	✓	
Clock buffered period (min.)	-	-	-	

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Order number	603-1TD00	603-1OP00	603-1OP10	
Accuracy (max. deviation per day)	-	-	-	
Functionality Sub-D interfaces				
Type	-	-	-	
Type of interface	RS485	RS485	RS485	
Connector	Sub-D, 9-pin, female	Sub-D, 9-pin, female	Sub-D, 9-pin, female	
Electrically isolated	-	-	-	
MPI	✓	✓	✓	
MP ² I (MPI/RS232)	✓	✓	✓	
DP master	-	-	-	
DP slave	-	-	-	
Point-to-point interface	-	-	-	
Mechanical data				
Housing / Protection type				
Material	die-cast aluminum	die-cast aluminum	die-cast aluminum	
Mounting	via integrated pivoted lever	via integrated pivoted lever	via integrated pivoted lever	
Protect type front side	IP 65	IP 65	IP 65	
Protect type back side	IP 20	IP 20	IP 20	
Dimensions				
- Front panel	187 mm x 90 mm x 6 mm	187 mm x 90 mm x 6 mm	187 mm x 90 mm x 6 mm	
- Rear panel	154 mm x 77 mm x 44 mm	154 mm x 77 mm x 55 mm	154 mm x 77 mm x 55 mm	
Installation cut-out				
- Width	156 mm	156 mm	156 mm	
- Height	78 mm	78 mm	78 mm	
- Minimum	-	-	-	
- Maximum front panel thickness	6 mm	6 mm	6 mm	
Weight	610 g	600 g	600 g	
Environmental conditions				
Operating temperature	0 °C to 60 °C	0 °C to 60 °C	0 °C to 60 °C	
Storage temperature	-20 °C to 70 °C	-20 °C to 70 °C	-20 °C to 70 °C	
Certifications				
UL508 certification	yes	yes	-	

Connections, Interfaces

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