

## Data sheet

### Text Display TD 03 (603-1TD00)

#### Technical data

<b>Order no.</b>	<b>603-1TD00</b>
Type	Text Display TD 03
<b>General information</b>	
Note	-
Features	Display: 2 x 20 characters Interface: MP2I Languages: DE, EN Visualization of the connected CPU via MPI Project engineering via TD-Wizard of VIPA
<b>Display</b>	
Number of rows	2
Characters per row	20
Character height	5 mm
Type of display	STN with LED backlighting
<b>OP functionality</b>	
User memory	-
Number of variables	-
Language	DE/EN
<b>Operating controls</b>	
Touchscreen	-
Keyboard	Membran keyboard
Mouse	-
Number of system keys	5
Number of soft keys	4
<b>Technical data power supply</b>	
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	16 A
I <sub>2t</sub>	0.11 A²s
<b>Time</b>	
Real-time clock	-
Clock buffered period (min.)	-
Accuracy (max. deviation per day)	-
<b>Functionality Sub-D interfaces</b>	
Type	MP2I
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	-
MPI	yes
MP2I (MPI/RS232)	yes
Point-to-point interface	-

5V DC Power supply	max. 90mA, non-isolated
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24V DC Power supply	-
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## 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 44 mm

### Installation cut-out

Width	156 mm
Height	78 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Net weight	610 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	-