Data sheet
TD 03, Text Display (603-1TD00)

Technical data

Order no.	603-1TD00
Type	TD 03, Text Display

General information

Note	-
Features	Display: 2 x 20 characters Interface: MP²I Languages: DE, EN Visualization of the connected CPU via MPI

Display

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

OP functionality

User memory	-
Number of variables	-
Language	DE/EN

Operating controls

Touchscreen	-
Keyboard	Membran keyboard
Mouse	-
Number of system keys	5
Number of soft keys	4

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	16 A
I²t	0.11 A²s

Time

Real-time clock	-
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
Point-to-point interface	-
5V DC Power supply	max. 90mA, non-isolated
24V DC Power supply	-

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 44 mm

Installation cut-out

Width	156 mm
Height	78 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Weight	610 g

Environmental conditions

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

Certifications

UL certification	yes
KC certification	-