

Data sheet

Text Display TD 03 (603-1TD00)

Technical data

Type	Order no.	603-1TD00
Note -	Туре	Text Display TD 03
Display	General information	
Interface: MP*	Note	-
Number of rows 2	Features	Interface: MP ² I Languages: DE, EN Visualization of the connected CPU via MPI
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 system keys 4 Technical data power supply Power supply (rated value) DC 24 V Power supply (permitted range) DC 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 0.11 A²s Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Sub-D, 9-pin, female	Display	
Character height	Number of rows	2
Type of display	Characters per row	20
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 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Innush current 16 A Pt 0.11 A²s Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP2I (MPURS232) <td< td=""><td>Character height</td><td>5 mm</td></td<>	Character height	5 mm
User memory -	Type of display	STN with LED backlighting
Number of variables -	OP functionality	
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 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 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 (MPURS232) yes	User memory	-
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 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 0.11 A²s Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type MP2 Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MP1 yes MP2 yes MP2 yes MP2 yes	Number of variables	-
Touchscreen -	Language	DE/EN
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 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 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	Operating controls	
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 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 0.11 APs Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type MPP Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPPI yes MPPI yes MPPI yes MPPI yes MPPI yes	Touchscreen	-
Number of system keys 5 Number of soft keys 4 Technical data power supply DC 24 V Power supply (rated value) DC 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 0.11 APs Time Real-time clock Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP2I (MPI/RS232) yes	Keyboard	Membran keyboard
Number of soft keys 4 Technical data power supply Power supply (rated value) DC 24 V Power supply (permitted range) DC 20.428.8 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 MP²l Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²l (MPI/RS232) yes	Mouse	-
Technical data power supply Power supply (rated value) Power supply (permitted range) DC 20.428.8 V Reverse polarity protection Qurrent consumption (no-load operation) Reverse polarity protection Urrent consumption (rated value) Soo mA Inrush current 16 A Pt 0.11 A2s Time Real-time clock Clock buffered period (min.) - Accuracy (max. deviation per day) Functionality Sub-D interfaces Type MP2 Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated MP1 yes MP2 MP2 (MPI/RS232) yes	Number of system keys	5
Power supply (rated value) Power supply (permitted range) Reverse polarity protection Qurrent consumption (no-load operation) Current consumption (rated value) Inrush current 16 A I*t 0.11 A*zs Time Real-time clock Clock buffered period (min.) Accuracy (max. deviation per day) Type MP²I Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated MPI MP²I (MPI/RS232) MS2 MS2 MS2 MS2 MS4 MS4 MS4 MS4	Number of soft keys	4
Power supply (permitted range) Reverse polarity protection Current consumption (no-load operation) Bo mA Current consumption (rated value) Inrush current 16 A I*t 0.11 A*s Time Real-time clock Clock buffered period (min.) Accuracy (max. deviation per day)	Technical data power supply	
Reverse polarity protection yes Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A Pt 0.11 A²s Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type MP²l Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MP¹ yes MP²l (MPI/RS232) yes	Power supply (rated value)	DC 24 V
Current consumption (no-load operation) 80 mA Current consumption (rated value) 500 mA Inrush current 16 A 1st 0.11 Ass 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 MP2I (MPI/RS232) yes	Power supply (permitted range)	DC 20.428.8 V
Current consumption (rated value) Inrush current 16 A It 0.11 A2s Time Real-time clock Clock buffered period (min.) Accuracy (max. deviation per day) Functionality Sub-D interfaces Type MP2 Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated MP2 MP2 MP2 MP2 MP3 MP4 MP4	Reverse polarity protection	yes
Inrush current	Current consumption (no-load operation)	80 mA
12t 0.11 A2s Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type MP2 Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP2 (MPI/RS232) yes	Current consumption (rated value)	500 mA
Time Real-time clock - Clock buffered period (min.) - Accuracy (max. deviation per day) - Functionality Sub-D interfaces Type MP²l Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²l (MPI/RS232) yes	Inrush current	16 A
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	2 _t	0.11 A²s
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	Time	
Accuracy (max. deviation per day) Functionality Sub-D interfaces Type MP²l Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²l (MPI/RS232) yes	Real-time clock	-
Functionality Sub-D interfaces Type MP²I Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²I (MPI/RS232) yes	Clock buffered period (min.)	-
Type MP²I Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²I (MPI/RS232) yes	Accuracy (max. deviation per day)	-
Type of interface RS485 Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP2I (MPI/RS232) yes	Functionality Sub-D interfaces	
Connector Sub-D, 9-pin, female Electrically isolated - MPI yes MP²I (MPI/RS232) yes	Туре	MP2I
Electrically isolated - MPI yes MP2I (MPI/RS232) yes	Type of interface	RS485
MPI yes MP²I (MPI/RS232) yes	Connector	Sub-D, 9-pin, female
MP²l (MPl/RS232) yes	Electrically isolated	-
	MPI	yes
Point-to-point interface -	MP²I (MPI/RS232)	yes
	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 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	