

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

## Technical data

Order no.	603-1TD00
Туре	VIPA Text Display TD 03
Canaval information	
General information	
Note	- Diaplays 2 y 20 characters
Features	Display: 2 x 20 characters Interface: MP <sup>2</sup> I Languages: DE, EN Visualization of the connected CPU via MPI Project engineering via TD-Wizard of VIPA
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 20.428.8 V
Reverse polarity protection	yes
Current consumption (no-load operation)	80 mA
Current consumption (rated value)	500 mA
Inrush current	16 A
l <sup>2</sup> t	0.11 A²s
Time	
Real-time clock	-
Clock buffered period (min.)	-
Accuracy (max. deviation per day)	-
Functionality Sub-D interfaces	
Туре	MP2I
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	

## YASKAWA VIPA CONTROLS

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 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 -  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  Maximum front panel thickness 6 mm  Meximum front panel thickness 6 mm  Meximum front panel thickness 6 mm	MPI	yes	
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           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         Ves	MP²I (MPI/RS232)	yes	
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 IP 20 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 Met weight including accessories 6 Gross weight - Environmental conditions  Operating temperature 0 °C to 60 °C Storage temperature -20 °C to 70 °C  Certifications UL certification yes	Point-to-point interface	-	
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  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	5V DC Power supply	max. 90mA, non-isolated	
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	24V DC Power supply	-	
Material die-cast aluminum  Mounting via integrated pivoted lever  Protection class IP front side IP 20  Protection class NEMA front side - Protection class NEMA back side IP 20  Protection class NEMA back side -  Protection class NEMA back 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	Mechanical data		
Mounting via integrated pivoted lever  Protection class IP front side IP 20  Protection class NEMA front side	Housing / Protection class		
Protection class IP front side IP 65 Protection class IP back side IP 20 Protection class NEMA front side - Protection class NEMA back 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	Material	die-cast aluminum	
Protection class IP back side Protection class NEMA front side Protection class NEMA back 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	Mounting	via integrated pivoted lever	
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         0 °C to 60 °C           Storage temperature         -20 °C to 70 °C           Certifications         yes	Protection class IP front side	IP 65	
Protection class NEMA back side	Protection class IP back side	IP 20	
Priorit 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	Protection class NEMA front side	-	
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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	Front panel	187 mm x 90 mm x 6 mm	
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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	Width	156 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	Height	78 mm	
Net weight Weight including accessories - Gross weight - Environmental conditions Operating temperature O °C to 60 °C Storage temperature -20 °C to 70 °C  Certifications UL certification yes	Minimum	2.5 mm	
Weight including accessories  Gross weight  Environmental conditions  Operating temperature  O °C to 60 °C  Storage temperature  -20 °C to 70 °C  Certifications  UL certification  yes	Maximum front panel thickness	6 mm	
Gross weight -  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -20 °C to 70 °C  Certifications  UL certification yes	Net weight	610 g	
Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -20 °C to 70 °C  Certifications  UL certification yes	Weight including accessories	·	
Operating temperature 0 °C to 60 °C  Storage temperature -20 °C to 70 °C  Certifications  UL certification yes	Gross weight	÷	
Storage temperature -20 °C to 70 °C  Certifications  UL certification yes	Environmental conditions		
Certifications UL certification yes	Operating temperature	0 °C to 60 °C	
UL certification yes	Storage temperature	-20 °C to 70 °C	
<b>7.</b>	Certifications		
KC certification -	UL certification	yes	
	KC certification	-	