




Product Overview

Interfaces






Type	miface RS10 Universal Interface for Data Conversion from Profibus-DP to RS 232 / RS 485 / RS 422	miface RS10 Universal Interface for Data Conversion from CANopen to RS 232 / RS 485 / RS 422	miface RS10 Universal Interface for Data Conversion from InterBus to RS 232 / RS 485 / RS 422	miface RS10 Universal Interface for Data Conversion from Ethernet to RS 232 / RS 485 / RS 422
General Specification				
Interface 1		 CIA DS301, V4.0	 (SUIP3)	Ethernet TCP/IP
Baud rate interface 1	9.6 kBaud to 12 MBaud	10 to 1000 kBit/s	500 kBaud	10 MBit/s or 10/100 MBit/s
Addresses	0 to 126	1 to 127		
Interface 2	RS 232, RS 485 or RS 422	RS 232, RS 485 or RS 422	RS 232, RS 485 or RS 422	RS 232, RS 485 or RS 422
Baud rate interface 2	1.2 to 115 kBaud	1.2 to 115 kBaud	1.2 to 115 kBaud	300 Baud to 115 kBaud
Data format	8 Bit	8 Bit	8 Bit	7 or 8 Bit
Parities	odd, no, even	odd, no, even	odd, no, even	odd, no, even
Operating voltage	24 VDC ±20 %	24 VDC ±20 %	24 VDC ±20 %	24 VDC ±20 %
Power consumption	approx. 150 mA at 24 VDC operating voltage	approx. 150 mA at 24 VDC operating voltage	approx. 150 mA at 24 VDC operating voltage	approx. 150 mA at 24 VDC operating voltage
Housing	top-hat rail housing with metal cover	top-hat rail housing with metal cover	top-hat rail housing with metal cover	top-hat rail housing with metal cover
Housing dimensions (w x h x d)	100 x 87 x 42 mm	100 x 87 x 42 mm	100 x 87 x 42 mm	100 x 87 x 42 mm
Mounting	for 35 mm top-hat rail	for 35 mm top-hat rail	for 35 mm top-hat rail	for 35 mm top-hat rail
Protection	IP00	IP00	IP00	IP00
Operating temperature	0 to +50 °C	0 to +50 °C	0 to +50 °C	0 to +50 °C
Storage temperature	-25 to +60 °C	-25 to +60 °C	-25 to +60 °C	-25 to +60 °C
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Product Overview

Interfaces/Keyboards

Type	<i>miface EA64</i> Interface with Profibus-DP / 64 In-Outputs	<i>miface EA64</i> Interface with CANopen / 64 In-Outputs	<i>mitas BBT32</i> Keyboard with Profibus-DP Interface 8x4 Keys with LED Response	<i>mitas BBT32</i> Keyboard with Serial Interface 8x4 Keys with LED Response	<i>mitas 29 PS-2</i> Key Input Terminal PS-2 Interface
General Specification					
Interface 1		 DS301, V3.0		RS 232, RS 422 (bus compatible)	PS-2 keyboard-interface for PC-connection
Baud rate	9,6 kBaud to 12 MBaud	10 to 1000 kBit/s	9,6 kBaud to 12 MBaud	1,2 to 115,2 kBaud	
Interface 2	RS 485	RS 485			
Addresses	0 to 126	32 to 63	0 to 126	0 to 31	
Operating voltage	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	24 VDC ±20 %, protected against polarity reversal	supply by PS-2 interface
Power consumption	approx. 150 mA at 24 VDC (control unit)	approx. 150 mA at 24 VDC (control unit)	approx. 300 mA at 24 VDC operating voltage	approx. 200 mA at 24 VDC operating voltage	
Output current	max. 100 mA (per output at 24 VDC)	max. 100 mA (per output at 24 VDC)			
Digital outputs	64	64			
Digital inputs	64	64			
Keys			8 x 4 keys	8 x 4 keys	29 keys
Safety push button					metal design mechanical durability: 1.000.000 cycles diameter 12 mm can be exchanged individually
Key labelling					F1 to F10, 7/Pos1, 8/↑, 9/Bild↑, Num, Back, 4/←, 5, 6/→, Tab, Alt, 1/Ende, 2/↓, 3/Bild↓, Esc, Ctrl, 0/Einf, ./Enf, Shift, Enter laser gravure or adhesive front foil
Connector cable					approx. 1,5 m DIN PS-2 plug
Cable bushing					optional back or top
Housing	top-hat rail housing	top-hat rail housing	industrial version, powder coated aluminium	industrial version, powder coated, aluminium	aluminium, anodized colour: natural aluminium
Housing dimensions (w x h x d)	128 x 322 x 53 mm	128 x 322 x 53 mm	370 x 370 x 50 mm	370 x 370 x 50 mm	150 x 50 mm (w x h) or 150 x 60 mm (w x h)
Mounting	for 35 mm top-hat rail	for 35 mm top-hat rail	wall mounting	wall mounting	screw mounting
Protection	front panel P00	front panel P00	front panel IP65	front panel IP65	front panel IP54
Operating temperature	0 to +50 °C	0 to +50 °C	0 to +50 °C	0...+50 °C	0 to +50 °C
Storage temperature	-25 to +60 °C	-25 to +60 °C	-25 to +60 °C	-25 to +60 °C	-25 to +70 °C
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