

Data sheet SM 021 (021-1BD00)

Technical data

Type SM 021 Module ID 0003 9F84 General information - Retarters 4 inputs Current consumption/power loss 55 mA Current consumption from backplane bus 55 mA Power loss 0.6 W Technical data digital inputs 4 Cable length, shielded 1000 m Cable length, shielded 600 m Rated load voltage - Current consumption from backplane bus 5 for A Cable length, shielded 0000 m Cable length, unshielded 6000 m Rated load voltage - Current consumption from load voltage L+ (without load) - Rated value DC 20.428.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" MA Connection of Two-Wire-BEROs possible Imput topication of Two-Wire-BEROs possible Max. permissible BERO quiescent current 0.5 mA Input delay of "1" to "0" 3 ms Number of simultaneousl	Order no.	021-1BD00
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Diagnostics information read-out none Module state green LED	Diagnostic interrupt	no
Module state green LED	Diagnostic functions	no
·	Diagnostics information read-out	none
Module error display red LED	Module state	green LED
	Module error display	red LED



Between channels - Between channels and backplane bus ✓ Insulation tested with DC 500 V Safety Safety Safety protocol - Safety requirements - Secure user address - Watchdog - Two channels - Datasizes - Input bytes 1 Output bytes 0 Diagnostic bytes 0 Diagnostic bytes 0 Bethraid PPE / PPE GF10 Mounting Profile rail 35 mm Mechanical data 1.2.9 mm x 109 mm x 76.5 mm Weight 60 g Environmental conditions 0.°C to 60 °C Storage temperature 0.°C to 60 °C	Isolation	
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Safety requirements - Secure user address - Watchdog - Two channels - Test pulse outputs - Datasizes - Input bytes 1 Output bytes 0 Parameter bytes 0 Diagnostic bytes 0 Housing Profile rail 35 mm Mechanical data PPE / PPE GF10 Dimensions (WxHxD) 12.9 mm x 109 mm x 76.5 mm Weight 60 g Environmental conditions 0 °C to 60 °C Storage temperature 0 °C to 70 °C Certifications -25 °C to 70 °C	Safety	
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Mechanical data Dimensions (WxHxD) 12.9 mm x 109 mm x 76.5 mm Weight 60 g Environmental conditions 0 °C to 60 °C Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C Certifications 1000000000000000000000000000000000000	Material	PPE / PPE GF10
Dimensions (WxHxD) 12.9 mm x 109 mm x 76.5 mm Weight 60 g Environmental conditions 0 °C to 60 °C Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C	Mounting	Profile rail 35 mm
Weight 60 g Environmental conditions 0 °C to 60 °C Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C	Mechanical data	
Environmental conditions Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C Certifications	Dimensions (WxHxD)	12.9 mm x 109 mm x 76.5 mm
Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C	Weight	60 g
Storage temperature -25 °C to 70 °C Certifications	Environmental conditions	
Certifications	Operating temperature	0 °C to 60 °C
	Storage temperature	-25 °C to 70 °C
UL508 certification yes	Certifications	
	UL508 certification	yes

none

Channel error display