

Data sheet

FM 050 (050-1BS00)

Technical data

Type FM 050 Module ID 08C1 7800 General information	Order no.	050-1BS00
Reatures Features SSI - Encoder Master or slave mode Encoder value Current consumption/power loss Current consumption from backplane bus Power loss 1 W Parallel switching of outputs for increased power Status information, alarms, diagnostics Status display yes Interrupts Yes, parameterizable Process alarm no Diagnostic interrupt Diagnostic information read-out Module error display Isolation Between channels of groups to Between channels and backplane bus Péweren Max. potential difference between inputs and Mana (Ucm) Max. potential difference between Mintern and outputs Datasizes Input bytes 6 Output bytes 17	Туре	FM 050
Note - Statures SSI-Encoder Master or slave mode Encoder frequency 125 kHz2 MHz rester stare stamp for encoder value Current consumption/power loss Current consumption from backplane bus 70 mA Power loss 1 W Parallel switching of outputs for increased power - Status information, alarms, diagnostics Status display yes parameterizable process alarm no Pr	Module ID	09C1 7800
Features SSI - Encoder Master or slave mode Encoder frequency 125 kHz 2 MHz 7s time stamp for encoder value Current consumption/power loss Current consumption from backplane bus 70 mA Power loss 1 W Parallel switching of outputs for increased power Status information, alarms, diagnostics Status display yes, parameterizable Process alarm no Diagnostic interrupt yes, parameterizable Process alarm no Diagnostic interrupt possible Diagnostic interrupt Module state Green LED Module error display red LED Channel error display Between channels of groups to Between channels of groups to Between channels and backplane bus ### Aux potential difference between inputs (Jurn) Max. potential difference between inputs and Mana (Jurn) Max. potential difference between inputs and Mana (Jurn) Max. potential difference between linputs and Mana (Jurn) Max. potential difference between inputs and Mintern (Uiso) Potatasizes Input bytes 6 Output bytes 0 Parameter bytes 17	General information	
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Status display yes Interrupts yes, parameterizable Process alarm no Diagnostic interrupt yes, parameterizable Diagnostic functions yes, parameterizable Diagnostic functions yes, parameterizable Diagnostics information read-out possible Module state green LED Module error display red LED Channel error display none Isolation Between channels - Between channels - Between channels of groups to - Between channels and backplane bus Between channels and power supply - Max. potential difference between inputs (Ucm) - Max. potential difference between inputs and Mana (Ucm) - Max. potential difference between inputs and Mintern (Uiso) - Max. potential difference between hinputs and Mintern (Uiso) - Max. potential difference between Mintern and outputs - Insulation tested with DC 500 ∨ Datasizes Input bytes 6 Cutput bytes 0 Parameter bytes	Parallel switching of outputs for increased power	-
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Between channels Between channels of groups to Between channels and backplane bus Between channels and power supply	Module error display	red LED
Between channels Between channels of groups to Between channels and backplane bus Between channels and power supply	Channel error display	none
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Max. potential difference between circuits	Between channels and backplane bus	✓
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Input bytes 6 Output bytes 0 Parameter bytes 17	Insulation tested with	DC 500 V
Output bytes 0 Parameter bytes 17	Datasizes	
Parameter bytes 17	Input bytes	6
	Output bytes	0
Diagnostic bytes 20	Parameter bytes	17
	Diagnostic bytes	20



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Material	PPE / PPE GF10	
Mounting	Profile rail 35 mm	
Mechanical data		
Dimensions (WxHxD)	12.9 mm x 109 mm x 76.5 mm	
Weight	60 g	
Environmental conditions		
Operating temperature	0 °C to 60 °C	
Storage temperature	-25 °C to 70 °C	
Certifications		
UL508 certification	yes	