

Data sheet SM M22 - Digital Output (M22-1HF10)

Technical data

Order no.	M22-1HF10
Туре	SM M22 - Digital Output
Module ID	0115 AFC8
General information	
Note	-
Features	8x DO AC 230 V 2 A relay
Current consumption/power loss	
Current consumption from backplane bus	140 mA
Power loss	1.5 W
Technical data digital outputs	
Number of outputs	8
Cable length, shielded	1000 m
Cable length, unshielded	600 m
Rated load voltage	DC 30 V/ AC 230 V
Current consumption from load voltage L+ (without load)	-
Total current per group, horizontal configuration, 40°C	4 A
Total current per group, horizontal configuration, 60°C	4 A
Total current per group, vertical configuration	4 A
Output current at signal "1", rated value	2 A
Signal logic output	Isolated
Output delay of "0" to "1"	10 ms
Output delay of "1" to "0"	5 ms
Minimum load current	-
Lamp load	-
Parallel switching of outputs for redundant control of a load	not possible
Parallel switching of outputs for increased power	not possible
Actuation of digital input	-
Switching frequency with resistive load	max. 0.33 Hz
Switching frequency with inductive load	max. 0.33 Hz
Switching frequency on lamp load	max. 0.33 Hz
Internal limitation of inductive shut-off voltage	-
Short-circuit protection of output	-
Trigger level	-
Number of operating cycle of relay outputs	-
Switching capacity of contacts	5 A
Output data size	8 Bit
Status information, alarms, diagnostics	
Status display	green LED per channel
Interrupts	no
Process alarm	no

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Diagnostic functions no Diagnostics information read-out none Supply voltage display green LED Group error display red LED Channel error display none Isolation Between channels Between channels of groups to 2 Between channels and backplane bus yes Insulation tested with AC 2200 V Datasizes Input bytes 0 Output bytes 1 Parameter bytes 0 Diagnostic bytes 0 Housing Material PPE / PPE GF10 Mounting Profile rail 35 mm Mechanical data Input syles Dimensions (WXHxD) 26 mm x 88 mm x 71 mm Met weight including accessories 110 g Gross weight 123 g Environmental conditions 0 °C to 60 °C Corrifications in preparation UL certification in preparation	Diagnostic interrupt	no
Supply voltage display green LED Group error display red LED Channel error display none Isolation Between channels Between channels of groups to 2 Between channels and backplane bus yes Insulation tested with AC 2200 V Datasizes Input bytes 0 Output bytes 1 Parameter bytes 0 Diagnostic bytes 0 Housing Material PPE / PPE GF10 Mounting Profile rail 35 mm Mechanical data Dimensions (WxHxD) Dimensions (WxHxD) 26 mm x 88 mm x 71 mm Net weight 110 g Weight including accessories 110 g Gross weight 123 g Environmental conditions Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C Certifications in preparation	Diagnostic functions	no
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To discuss the second s	Certifications	
KC certification in preparation	UL certification	in preparation
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