

Data sheet

SM 222 (222-1HF00)

Technical data

Order no.	222-1HF00
Туре	SM 222
General information	
Note	-
Features	8x DO DC 30 V AC 230 V 5 A Relay
Current consumption/power loss	
Current consumption from backplane bus	300 mA
Power loss	2 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	8 A
Total current per group, horizontal configuration, 60°C	8 A
Total current per group, vertical configuration	8 A
Output current at signal "1", rated value	5 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	10^7
Switching capacity of contacts	5 A
Output data size	1 Byte
Status information, alarms, diagnostics	
Status display	green LED per channel
Interrupts	no
Process alarm	no

YASKAWA VIPA CONTROLS

Diagnostic functions no Diagnostics information read-out none Supply voltage display none Group error display none Channel error display none Isolation - Between channels - Between channels of groups to - Between channels and backplane bus yes Insulation tested with DC 500 V Datasizes - Input bytes 0 Output bytes 1 Parameter bytes 0 Diagnostic bytes 0 Housing Profile rail 35 mm Material PPE / PA 6.6 Mounting Profile rail 35 mm Mechanical data - Dimensions (WXHxD) 25.4 mm x 76 mm x 88 mm Net weight 110 g Weight including accessories - Gross weight - Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C Certifications - UL certification yes	Diagnostic interrupt	no
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	Certifications	
KC certification -	UL certification	yes
	KC certification	-