

Data sheet

SM 222 (222-1HF00)

Technical data

Type SM 222 General Information Note Features	Order no.	222-1HF00
Note - Features 8 relay outputs AC 230 V/ DC 30 V Output current S A Current consumption/power loss Current consumption from backplane bus 300 mA Power loss 2 W Technical data digital outputs Number of outputs 8 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) - Cable length, physicial configuration, 40°C 8 A Total current per group, horizontal configuration, 60°C 8 A Total current per group, vertical configuration 8 A Cutput delay of "0" to "1" 10 ms Output delay of "1" to "0" 5 ms Minimum load current	Туре	SM 222
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Switching frequency on lamp load	Switching frequency with resistive 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 1 Byte Status information, alarms, diagnostics Status display green LED per channel Interrupts no Process alarm no	Switching frequency with inductive load	-
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Status display green LED per channel Interrupts no Process alarm no	Output data size	1 Byte
Status display green LED per channel Interrupts no Process alarm no	Status information, alarms, diagnostics	
Interrupts no no Process alarm no		green LED per channel
Process alarm no	· · · · · · · · · · · · · · · · · · ·	
Diagnostic interrupt no	<u> </u>	no
	Diagnostic interrupt	no



Diagnostic functions	no	A YASKAWA COMPANY	
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			
Material	PPE / PA 6.6		
Mounting	Profile rail 35 mm	Profile rail 35 mm	
Mechanical data			
Dimensions (WxHxD)	25.4 mm x 76 mm x 88	25.4 mm x 76 mm x 88 mm	
Weight	110 g		
Environmental conditions			
Operating temperature	0 °C to 60 °C		
Storage temperature	-25 °C to 70 °C		
Certifications			
UL certification	yes		
KC certification	-		