YASKAWA

Data sheet
SM 322 (322-5FF00)

Technical data

Order no.	322-5FF00
Type	SM 322
General information	
Note	-
Features	8x DO in groups of 1 AC 120/230 V 2 A Potential separated per channel Substitute value output (programmable) For 40 pole front connector
SPEED-Bus	-
Current consumption/power loss	
Current consumption from backplane bus	100 mA
Power loss	8.6 W
Technical data digital outputs	
Number of outputs	8
Cable length, shielded	1000 m
Cable length, unshielded	600 m
Rated load voltage	AC 120/230 V
Current consumption from load voltage L+ (without load)	2 mA
Total current per group, horizontal configuration, 40°C	8 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"	-
Output delay of "1" to "0"	-
Minimum load current	-
Lamp load	50 W
Parallel switching of outputs for redundant control of a load	possible
Parallel switching of outputs for increased power	not possible
Actuation of digital input	yes
Switching frequency with resistive load	max. 10 Hz
Switching frequency with inductive load	max. 0.5 Hz
Switching frequency on lamp load	max. 1 Hz
Internal limitation of inductive shut-off voltage	-
Short-circuit protection of output	Fuse 3.15 A /250 V, quick response
Trigger level	3.15 A
Number of operating cycle of relay outputs	-
Switching capacity of contacts	-
Output data size	1 Byte
Status information, alarms, diagnostics	
Status display	green LED per channel
Interrupts	no
Process alarm	no

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Diagnostic interrupt	no
Diagnostic functions	no
Diagnostics information read-out	none
Supply voltage display	none
Group error display	red SF LED
Channel error display	none
Isolation	
Between channels	yes
Between channels of groups to	1
Between channels and backplane bus	yes
Insulation tested with	AC 1500 V
Datasizes	
Input bytes	0
Output bytes	1
Parameter bytes	21
Diagnostic bytes	0
Housing	
Material	PPE
Mounting	Rail System 300
Mechanical data	
Dimensions (WxHxD)	40 mm x 125 mm x 120 mm
Net weight	330 g
Weight including accessories	-
Gross weight	-
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL certification	yes
KC certification	yes

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