

Data sheet SM 022 (022-1BB90)

## Technical data

Order no.	022-1BB90
Туре	SM 022
Module ID	0901 4880
General information	
Note	-
Features	2 outputs PWM
Current consumption/power loss	
Current consumption from backplane bus	85 mA
Power loss	0.95 W
Technical data digital autoute	
Technical data digital outputs	0
Number of outputs  Cable length, shielded	2 1000 m
Cable length, unshielded	600 m
Rated load voltage	DC 20.428.8 V
Current consumption from load voltage L+ (without load)	15 mA
Total current per group, horizontal configuration, 40°C	1 A
Total current per group, horizontal configuration, 40 °C	1 A
Total current per group, vertical configuration	1 A
Output current at signal "1", rated value	0.5 A
Output delay of "0" to "1"	max. 100 ns
Output delay of "1" to "0"	max. 100 ns
Minimum load current	-
Lamp load	10 W
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	<b>√</b>
Switching frequency with resistive load	max. 40 kHz
Switching frequency with inductive load	max. 40 kHz
Switching frequency on lamp load	max. 40 kHz
Internal limitation of inductive shut-off voltage	L+ (-52 V)
Short-circuit protection of output	yes, electronic, and only highside
Trigger level	2.5 A
Number of operating cycle of relay outputs	-
Switching capacity of contacts  Output data size	- 12 Ruto
Output data size	12 Byte
Status information, alarms, diagnostics	
Status display	green LED per channel
Interrupts	no
Process alarm	no



no A YASKAWA COMPANY
no
possible
green LED
red LED
none
-
-
✓
DC 500 V
2
-
1 µs
-
-
-
-
-
-
-
-
4
12
12
20
PPE / PPE GF10
Profile rail 35 mm
Trone ran 55 mm
12.9 mm x 109 mm x 76.5 mm
60 g
0 °C to 60 °C
-25 °C to 70 °C