



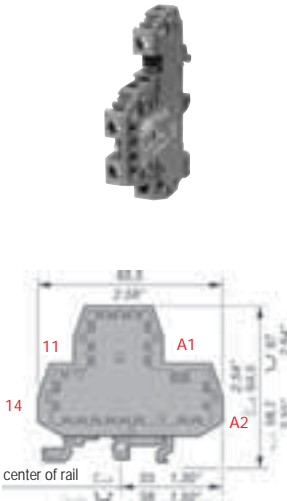
Relay Interfaces

R910 relay modules DIN 1-3

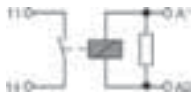
M 4/9.R111... - 2.5 mm² blocks - 9 mm .354" spacing

Characteristics

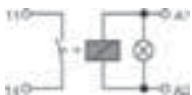
Relay characteristics	M 4/9.R111		M 4/9.R111L	
	COIL			
Rated voltage +20%, -20% on DC	12 V	24 V	12 V	24 V
Power	0.3 W	0.3 W	0.6 W	0.8 W
Rated current	24 mA	14 mA	52 mA	33 mA
Drop-out voltage	1.2 V DC	2.4 V DC	1.2 V	2.4 V
Status device	lamp			
CONTACT				
Type	1 NO			
Voltage switching range min./max.	12 V / 150 V DC - 250 V AC			
Current switching range	10 mA / 5 A			
Load switching range				
AC1 min. / max.	0.6 VA / 1250 VA			
DC1 min. / max.	0.6 W / 150 W			
Number of on-load operations	1 x 10 ⁶			
Number of off-load operations	2 x 10 ⁷			
Pull-in time (delay time)	5 ms			
Drop-out time (delay time)	6 ms		7 ms	
Bounce time	4 ms			
Insulation coil / contacts	3000 V RMS			
Breakdown voltage with 1.2/50μ wave	4000 V RMS			
Insulation contacts/contacts	750 V RMS			
Storage ambient temperature	-40°C to +80°C			
Operating ambient temperature	See derating curve hereunder			
Other characteristics				
Body material	grey <input type="checkbox"/>	UL 94 V0		
Wire	Solid wire	0.2-4 mm ² / 22-12 AWG		
Wire size	Stranded wire	0.22-2.5 mm ² / 22-12 AWG		
Rated wire size		2.5 mm ² / 12 AWG		
Wire stripping length		9 mm .354"		
Recommended screwdriver		3.5 mm .137"		
Protection		IP 20 NEMA 1		
Recommended torque		0.4-0.6 Nm 3.5-5.3 lb.in		
Approvals				



M 4/9.R111...

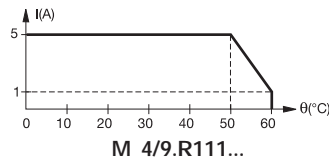


M 4/9.R111



M 4/9.R111L


Derating curve



Order codes

Description	Type	Order P/N	Packaging	Weight kg
Relay module 12 V DC	M 4/9.R111 12 V DC	1SNA 607 029 R0100	10	0.02
Relay module 24 V DC	M 4/9.R111 24 V DC	1SNA 607 030 R0600	10	0.02
Relay module with lamp 12 V DC	M 4/9.R111L 12 V DC	1SNA 607 001 R0600	10	0.02
Relay module with lamp 24 V DC	M 4/9.R111L 24 V DC	1SNA 607 002 R0700	10	0.02

Accessories

1 High end stop (all rails)	BAMH	9,1 mm	1SNA 114 836 R0000	50
2 Test socket	DIA. 2 mm	AL2 (1)	1SNA 163 070 R0000	50
	DIA. 3 mm	AL3 (1)	1SNA 163 261 R0000	50
3 Test device	grey <input type="checkbox"/>	DCG	1SNA 163 218 R0500	10
4 Test plug		FC2	1SNA 007 865 R2600	10
5 Jumper bar	8 poles	BJS9 (1)(2)	1SNA 177 583 R1200	
	16 poles	BJS9 (1)(2)	1SNA 177 584 R1300	
6 Sub-assembly for jumper bar (screw + jumper + post)		EV6D (1)(2)	1SNA 168 400 R1600	20
7 IDC jumper		AD2,5	1SNA 114 205 R2000	50
8 Comb type jumper bar		PC9	1SNA 210 160 R1200	10
9 Marking method		RC65 and RC610	see markers	

(1) These accessories can be used on the lower connection only.

(2) Use of these accessories requires the user to cut out the precut partition.