

RF SERIES

RF2110

2 CHANGE-OVER CONTACTS, 8 FASTON, DPDT.

TYPE

RF2110 ... V
Interface Relay
2 CO

MAX. CONTACT LOAD

5 A / 250 V	AC1	0,5 A / 110 V DC1
5 A / 30 V	DC1	0,2 A / 220 V DC1

CONTACT

Material	Standard	AgNi + 0,2 μ Au
	Optional	AgNi + 10 μ Au

Rated current / Max. peak current	5 A / 15 A
Rated voltage / Max. switching voltage AC-1	250 V / 400 V
Rated load AC15 (250 V)	350 VA
Min. switching load	10 V / 10 mA
	5 V / 5 mA (10 μ Au)

COIL

Operation range	$\leq 0,8 \times U_N - 1,1 \times U_N$
Rated power (AC/DC)	1,1 VA / 0,7 W
Release voltage	$\geq 0,1 \times U_N$
Coil resistance	$\pm 10\%$

Coil data

VAC	Ω	mA	VDC	Ω	mA
24	290	45	12	224	53
48	1200	23	24	742	32
115	7.300	9,5	48	3.500	13,7
230	28.800	4,7	110	19.900	5,5

INSULATION (Vrms, 1 min)

Contact open	1 kV
Coil /Contacts	5 kV
Insulation IEC 61810-1	4 kV/3
Between contacts	3 kV

SPECIFICATIONS

Ambient temperature	- 40 °C ... + 80 °C
Operation / Release time	10 ms / 5 ms
Protection category	IP40
Electrical life DC / Mechanical life	1·10 ⁵ op / 10·10 ⁶ op (AC) 20·10 ⁶ op (DC)
Weight	21 g

ACCESSORIES

Sockets SFB20D, SFP20X

ORDERING CODE

R **F** **2** **1** **10** **L** **N** **0** ... **D**

SERIES
N° OF CONTACTS

TYPE OF CONTACTS
AgNi + 3 μ Au - 2
AgNi + 10 μ Au - 3

TYPE OF RELAY
Standard CO - 10

CIRCUIT 1
N - No LED
L - LED

SPECIAL EXECUTION
Under request

CIRCUIT 2
N - No circuit
E - Polarity and FW for DC
U - AC/DC
R - RC for AC

VOLTAGES
D - 012, 024, 048, 060, 110 VDC
A - 012, 024, 048, 115, 230 VAC
U - 024, 048, 060 VAC/VDC
S - 024, 120, 240 VAC (60 Hz)



CONNECTION DIAGRAM

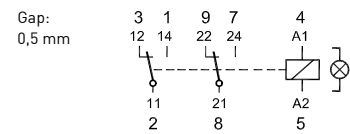


FIG. 1 ELECTRICAL LIFE AC LOAD

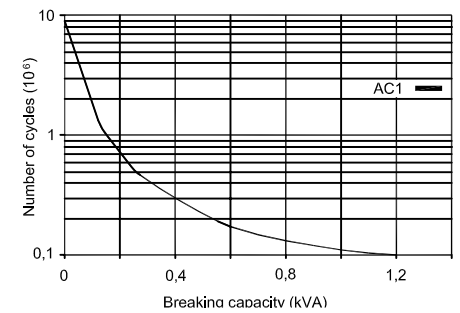
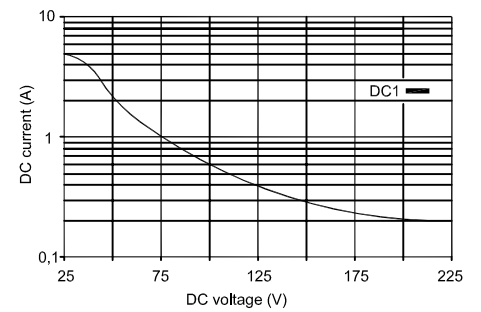
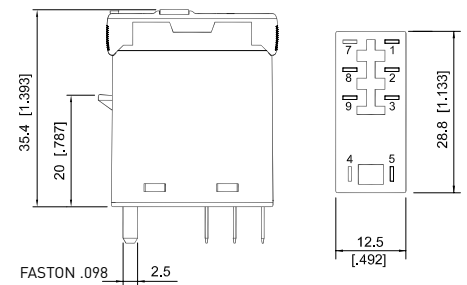


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947