

# RF SERIES

## RF2114

2 OPEN CONTACTS, 6 FASTON, DPST.



### TYPE

RF2114 ... V  
Interface Relay  
2 NO

### MAX. CONTACT LOAD

5 A / 250 V	AC1	0,8 A / 110 V	DC1
5 A / 30 V	DC1	0,4 A / 220 V	DC1

### CONTACT

Material	Standard	AgNi + 0,2 $\mu$ Au
	Optional	AgNi + 10 $\mu$ 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 $\mu$ 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	$\Omega$	mA	VDC	$\Omega$	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	2 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 <sup>5</sup> op / 10·10 <sup>6</sup> op (AC) 20·10 <sup>6</sup> op (DC)
Weight	21 g

### ACCESSORIES

Sockets	SFB20D, SFP20X
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### ORDERING CODE

<b>R</b>	<b>F</b>	<b>2</b>	<b>1</b>	<b>14</b>	<b>L</b>	<b>N</b>	<b>0</b>	...	<b>D</b>
<b>SERIES</b>		<b>N° OF CONTACTS</b>		<b>TYPE OF CONTACTS</b> AgNi + 3 $\mu$ Au - 2 AgNi + 10 $\mu$ Au - 3		<b>TYPE OF RELAY</b> Open contacts NO - 14		<b>VOLTAGES</b> 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)	
				<b>CIRCUIT 1</b> N - No LED L - LED		<b>SPECIAL EXECUTION</b> Under request		<b>CIRCUIT 2</b> N - No circuit E - Polarity and FW for DC U - AC/DC R - RC for AC	

### CONNECTION DIAGRAM

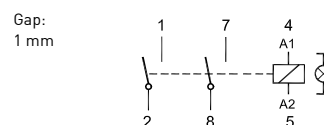


FIG. 1 ELECTRICAL LIFE AC LOAD

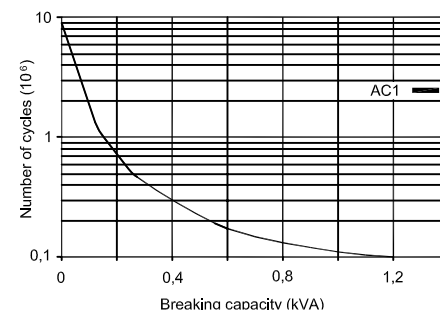
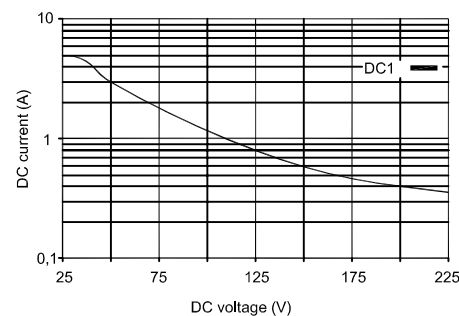
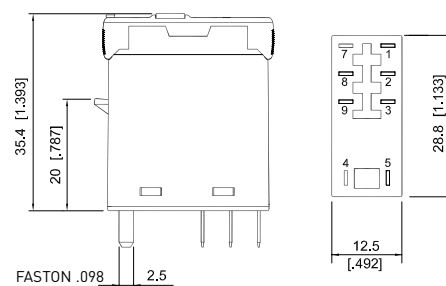


FIG. 2 MAX. DC BREAKING CAPACITY



### DIMENSIONS mm [inch]



### TECHNICAL APPROVALS



IEC 61810; EN 60947