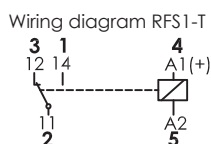
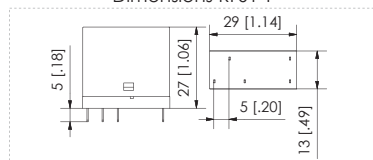




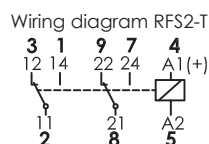
RFS1-T Relay 1 contact



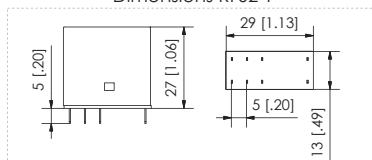
Dimensions RFS1-T



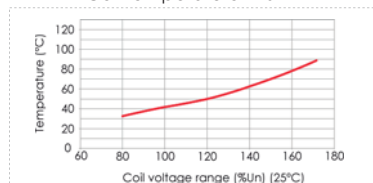
RFS2-T Relay 2 contacts



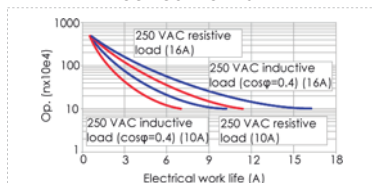
Dimensions RFS2-T



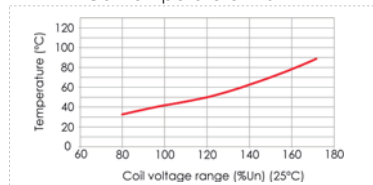
Coil temperature RFS1-T



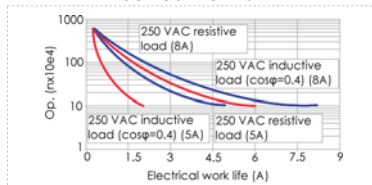
Electrical life RFS1-T



Coil temperature RFS2-T



Electrical life RFS2-T



Features

Industrial interface relay for general applications. Available in 1 & 2 change-over contacts with max. current 10 & 16 A - 250VAC1/30VDC1 and 5A & 8 A - 250 VAC1/30VDC1. Coil nominal power DC 0,53 W & AC 1,1 VA. Available with or without led for AC/DC relays. Diode only available in DC. Insulation: IEC61810-1 - 2,5 Kv/3. Pollution degree 2. Socket 187 (4,75 mm) terminals. Approvals: CE Protection class: IP40. European Patent.

Coil ratings

Nominal voltage VDC	6	12	24	48	115	-
Resistance ($\Omega \pm 10\%$)	68	259	939	4,2K	20,9K	-
Nominal voltage VAC	6	12	24	48	120	230
Resistance ($\Omega \pm 10\%$)	17	63	250	1,1K	5,17K	20K

Coil values at 25 °C

	VDC	VAC 50HZ
Operating range	0,75 - 1,1 Un	0,8 - 1,1 Un
Max. drop-out voltage	$\geq 10\% \text{ Un}$	$\geq 30\% \text{ Un}$

Contacts

Contact configuration	1C & 2C
Rated load	1C: 2.500 VA / 300 W (SPDT) 2C: 1.250 VA / 150 W (DPDT)
Max. switching voltage	250 VAC / 220 VDC
Max. breaking capacity	110 VDC: 0,4 A 220 VDC: 0,15 - 0,20 A
Max. peak current	1C: 10 A - 16 A 2C: 8 A - 5 A
Contact resistance	$\leq 50 \text{ m}\Omega$
Contact material	AgNi

Specifications RF-T

Electrical life	$\geq 10^5$ cycles
Mechanical life	$\geq 10^7$ cycles
Insulation resistance	$\leq 1000 \text{ M}\Omega (500 \text{ VDC})$
Operation time	$\leq 20 \text{ ms}$
Operation frequency	1200 op/h at nominal load
Release time	$\leq 10 \text{ ms}$
Dielectric strength at 1mA	5.000VAC/min (between coil and contacts) 1.000VAC/min (between contacts)
Vibration resistance	10 - 50 Hz (Double width 1,5mm)
Shock resistance	10g
Room temperature	-40 °C +65 °C
Room humidity	35% -85% RH
Atmospheric pressure	86 - 106 KPa
Weight	20gr
Pack units	50

References RF-T relays

Example: Relay RF. 2 contacts, 230VAC coil voltage, without LED.

Product series RF: RF relays series	RF	S	2	0	N	230	AC	0	T
Type S: change-over standard for all models									
Contacts number 1: 1 contact 2: 2 contacts									
Contact material 0: silver alloy									
Led N: without led									
Coil voltage 006: 6V 012: 12V 024: 24V 048: 48V 060: 60V 115: 115V (only DC) 120: 120V (only AC) 230: 230V (only AC)									
Series features T: T series									
Power Version 0: standard power (10A - 5A) H: high power (16A - 8A)									
Coil version AC: VAC voltage DC: VDC voltage									