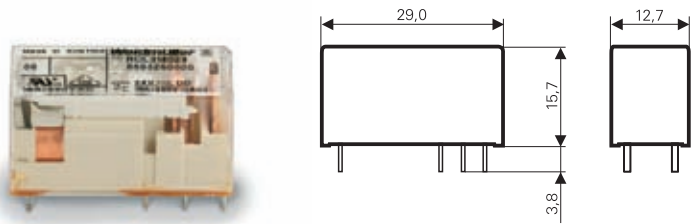


RCL relay
2 CO contact AC/DC coil

- 2000 VA switching capacity
- Low height of 15.7 mm
- Hard gold-plated contacts available
- For domestic appliances, heating controllers, emergency lighting systems, modems



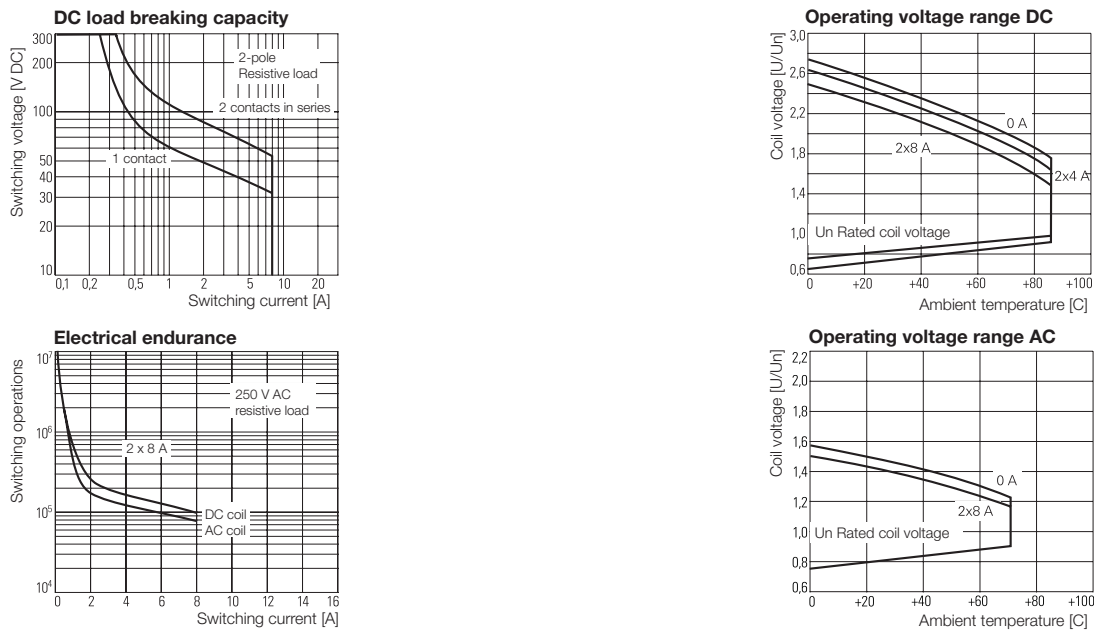
C

Circuit diagram
View of connections
Dimensions in mm

2 C/O changeover contacts

Output	
max. switching voltage AC1	250 V
Continuous current	8 A / 1 contact
Contact base material	AgNi 90/10 or AgNi 5µm Au
Mechanical endurance	AC coil 5*10 ⁶ / DC coil 30*10 ⁶ switching operations
Response time / Drop-out time	7ms / 2ms
Rated data	
Status indicator/Free wheel diode	no/no
Operating temperature	-40 °C...+70 °C
UL 94 flammability rating	V-0
Approvals	cURus; VDE;
Insulation coordination (IEC 60664)	
Rated voltage	250 V
Creepage and clearance path input - output	10 mm
Surge category	III
Pollution severity	3
Protective separation to VDE 0106 part 101	yes
Dimensions	
Length x width x height	mm 29 / 12.7 / 15.7
Note	

Applications



RCL relay 2 CO contact AC/DC coil

Type code

Type **RIDER Control Low**

Type of construction

4 8 A, pitch 5 mm, flux proof

Type of contact

2 2 CO contacts

4 2 NO contacts

Contact material

4 AgNi 90/10

5 AgNi 90/10 hgp

RCL

DC coil

006 6 V DC

012 12 V DC

024 24 V DC

048 48 V DC

060 60 V DC

110 110 V DC

AC coil

512 12 V AC

524 24 V AC

548 48 V AC

615 115 V AC

730 230 V AC

Ordering data

Input	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO
Rated voltage	12 V DC	24 V DC	48 V DC	110 V DC
DC Response/dropout Volt	8.4 V / 1.2 V	16.8 V / 2.4 V	33.6 V / 4.8 V	77 V / 11 V
Power rating	500 mW	500 mW	500 mW	500 mW
Rated current DC	33.3 mA	16.7 mA	8.7 mA	4.1 mA
Coil resistance	360 Ω $\pm$ 10%	1440 Ω $\pm$ 10%	5520 Ω $\pm$ 10%	26600 Ω $\pm$ 12%

Ordering data Relay				
8 A / 5 mm Type	RCL 424012 12Vdc-Rel2U	RCL 424024 24Vdc-Rel2U	RCL424048	RCL 424110 110Vdc-Rel2U
AgNi 90/10 Order No.	4058560000	4058570000	4058750000	4058590000
Type Order No.				
8 A / 5 mm Type	RCL425012	RCL 425024 24Vdc-Rel2U	RCL425048	RCL425110
AgNi 5 μ m Au Order No.	on request	4058580000	on request	8828370000

Note				

Ordering data

Input	24 V AC 2CO	48 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Rated voltage	24 V AC	48 V AC	115 V AC	230 V AC
AC Response/dropout Volt	18 V / 3.6 V	64 V / 7.2 V	86.3 V / 17.3 V	172.5 V / 34.5 V
Power rating	0.75 VA	0.75 VA	0.75 VA	0.75 VA
Rated current AC	31.6 mA	15.6 mA	6.6 mA	3.2 mA
Coil resistance	350 Ω $\pm$ 10%	1420 Ω $\pm$ 10%	8100 Ω $\pm$ 15%	32500 Ω $\pm$ 15%

Ordering data Relay				
8 A / 5 mm Type	RCL 424524 24Vac-Rel2U	RCL424548	RCL 424615 115Vac-Rel2U	RCL 424730 230Vac-Rel2U
AgNi 90/10 Order No.	4058600000	8693340000	4058610000	4058630000
Type Order No.				
8 A / 5 mm Type	RCL425524	RCL425548	RCL 425615 115Vac-Rel2U	RCL 425730 230Vac-Rel2U
AgNi 5 μ m Au Order No.	on request	on request	4058620000	4058640000

Note				