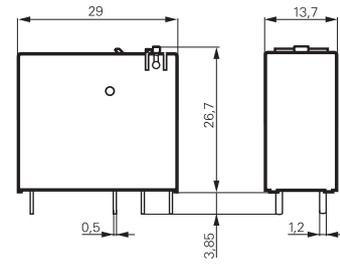


Relays - RIDERSERIES

**RCI relay
2 CO contact AC/DC coil**

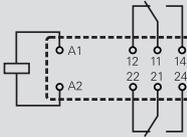
- 2000 VA breaking capacity
- Sturdy plug-in connection
- Optional test button with lock function and window
- Optional status indicator
- Optional suppressor



C

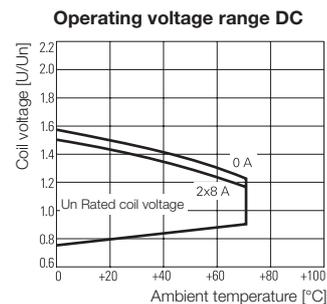
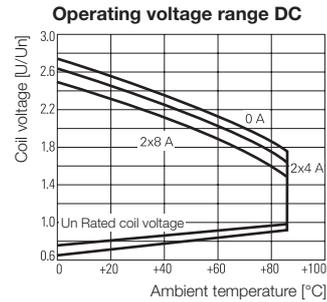
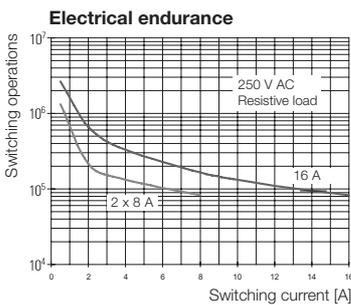
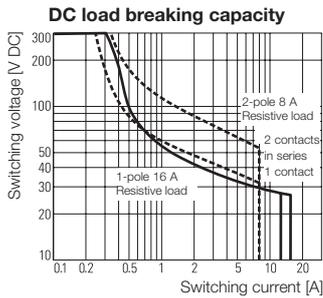
Circuit diagram
View on solder pins
dimensions in mm

2 C/O changeover contacts



Output	
max. switching voltage AC1	250 V
Continuous current	8 A / 1 contact
Contact base material	AgNi 90/10
Mechanical endurance	AC coil 5*10 ⁶ / DC coil 10*10 ⁶ switching operations
Response time / Drop-out time	7 ms / 2 ms
Rated data	
Status indicator / Free wheel diode	see ordering data
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	8 mm
Surge category	III
Pollution severity	3
Protective separation to VDE 0106 part 101	yes
Dimensions	
Length x width x height	mm 29 / 13.7 / x
Note	
	x = 25.5 without test button / 26.7 with test button

Applications



RCI relay
2 CO contact AC/DC coil

Type code	RCI				
Type	RIDER Control Industrial				
Type of construction	3 1-pole, 16 A 4 2-pole, 8 A				
Type of contact	1 1 CO contact without test button 2 2 CO contacts without test button 7 1 CO contact with test button 8 2 CO contacts with test button				
Contact material	4 AgNi 90/10				
Coil	012 12 V DC 024 24 V DC 048 48 V DC 110 110 V DC 524 24 V AC 615 115 V AC 730 230 V AC AB2 12 V DC+LED+diode AC4 24 V DC+LED+diode AE8 48 V DC+LED+diode BB0 110 V DC+LED+diode R24 24 V AC+LED S15 115 V AC+LED T30 230 V AC+LED				

Ordering data

	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO
Input				
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	400 mW	400 mW	400 mW	400 mW
Rated current DC	33.3 mA	16.7 mA	8.7 mA	4.1 mA
Coil resistance	360 Ω ±10%	1440 Ω ±10%	5620 Ω ±10%	26600 Ω ±12%

Ordering data
Relais

	12 V DC 2CO	24 V DC 2CO	48 V DC 2CO	110 V DC 2CO
Standard	RCI424012	RCI424024	RCI424048	RCI424110
Type				
Order No.	8869870000	8869890000	8869900000	8869910000
with test button	RCI484012	RCI484024	RCI484048	RCI484110
Type				
Order No.	8870020000	8870030000	8870040000	8870050000
with LED + protective diode*	RCI424AB2	RCI424AC4	RCI424AE8	RCI424BB0
Type				
Order No.	8870170000	8870180000	8870190000	8870200000
with test button + LED	RCI484AB2	RCI484AC4	RCI484AE8	RCI484BB0
Type				
+ protective diode*	Order No. 8870310000	Order No. 8870320000	Order No. 8870330000	Order No. 8870340000

Note
*Protective diode only with DC input

Ordering data

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

Ordering data
Relais

	24 V AC 2CO	115 V AC 2CO	230 V AC 2CO
Standard	RCI424524	RCI424615	RCI424730
Type			
Order No.	8869920000	8869930000	8869940000
with test button	RCI484524	RCI484615	RCI484730
Type			
Order No.	8870060000	8870070000	8870080000
with LED	RCI424R24	RCI424S15	RCI424T30
Type			
Order No.	8870210000	8870220000	8870230000
with test button + LED	RCI484R24	RCI484S15	RCI484T30
Type			
Order No.	8870350000	8870360000	8870370000

Note