

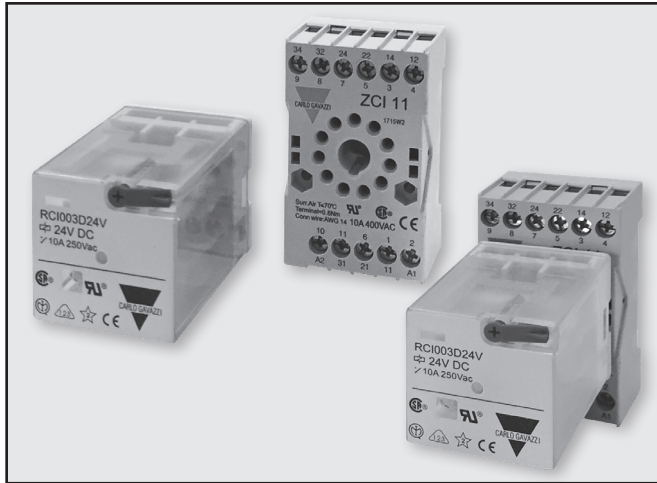
RCI

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Industrial Relay Type RCI Monostable



- 8 or 11- pin socket mounting
- 2 or 3 change over contacts
- 10A maximum switching current
- 250 VAC/VDC maximum switching voltage
- AC coils 12 ~ 240 VAC
- DC coils 12 ~ 110VDC
- Electrical life of 100,000 cycles
- Mechanical life of 10,000,000 cycles
- DIN sockets with two terminal layout options
- Standard indicating LED, push arm and test flag
- UL, CSA, CE, ROHS approvals

Product Description

The RCI is an industrial relay available in 2 or 3 change over contacts that can be used in a wide range of applications. It is

Ordering Key

RCI 003 A 24V

Type _____
 Contact Code _____
 Coil Type _____
 Coil Voltage _____

Product Selection



Type Selection

Type	Contact Code	Coil Type	Coil Voltage
RCI	002 - DPDT	A - AC	12V, 24V, 48V, 120V, 240V AC
	003 - 3PDT	D - DC	5V, 6V, 12V, 24V, 48V, 110V DC

Product Selection

Part Number	Contact Code	Coil voltage	Stock Code
RCI002A12V	DPDT 2 change over contacts, 8-pins	12 VAC	D
RCI002A24V		24 VAC	A
RCI002A48V		48 VAC	D
RCI002A120V		120 VAC	A
RCI002A240V		240 VAC	A
RCI002D5V		5 VDC	A
RCI002D6V		6 VDC	D
RCI002D12V		12 VDC	A
RCI002D24V		24 VDC	A
RCI002D48V		48VDC	D
RCI002D110V	110 VDC	D	

Part Number	Contact Code	Coil voltage	Stock Code
RCI003A12V	3PDT 3 change over contacts, 11-pins	12 VAC	D
RCI003A24V		24 VAC	A
RCI003A48V		48 VAC	D
RCI003A120V		120 VAC	A
RCI003A240V		240 VAC	A
RCI003D5V		5 VDC	A
RCI003D6V		6 VDC	D
RCI003D12V		12 VDC	A
RCI003D24V		24 VDC	A
RCI003D48V		48VDC	D
RCI003D110V	110 VDC	D	

Contact Characteristics

Arrangement:	DPDT, 3PDT
Contact Rating:	10A 250VAC/30VDC
Hp rating at 240VAC	1/3 Hp
Maximum Switching Voltage:	250VAC / 250VDC
Minimum Switching Current:	100mA 5VDC

Material :	AgSnO2
Contact Resistance:	≤ 100 mOhms (at 6 VDC 1A)
Reaction Time to Close:	≤ 20ms
Reaction Time to Open:	≤ 20ms
Electrical Life:	100,000 cycles (1800 per hour)
Mechanical Life	10,000,000 cycles (18,000 per hour)

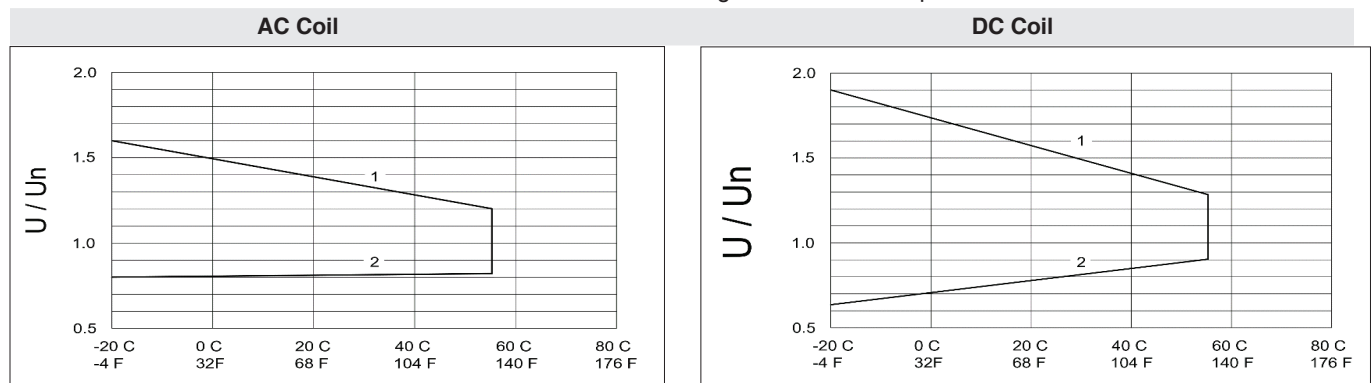
Industrial Relay Type RCI Monostable



Coil Characteristics

AC Coil						DC Coil					
Coil Code	Nominal Voltage	Pick-up at +23°C		Coil Resistance $\Omega \pm 10\%$	Coil Power VA	Coil Code	Nominal Voltage	Pick-up at +23°C		Coil Resistance $\Omega \pm 10\%$	Coil Power VA
		$\geq VAC$	$\leq VAC$					$\geq VAC$	$\leq VAC$		
12V	12V	80%	30%	18	aprox. 2.8	5V	5V	80% 10%		15.6	aprox. 1.6
24V	24V			72		22.5					
48V	48V			288		90					
120V	110/120V			1650		360					
240V	220/240V			6800		1440					
			7000								

Minimum and Maximum Coil Voltage vs Ambient Temperature



- 1- Maximum coil voltage vs. temperature
- 2- Minimum coil voltage vs. temperature

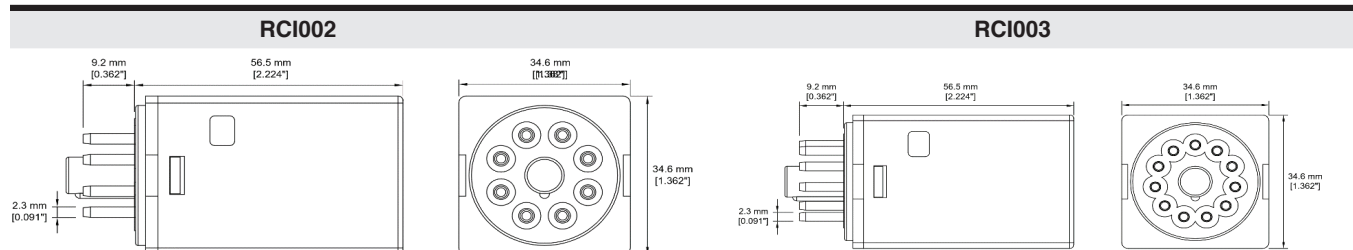
Insulation

Between Open Contacts (1mA leakage)	≥ 1000 VAC for 1 minute ≥ 1200 VAC for 1 second
Between Contact and Coil and	≥ 1500 VAC for 1 minute
Contact to Contact (1mA leakage)	≥ 1700 VAC for 1 second

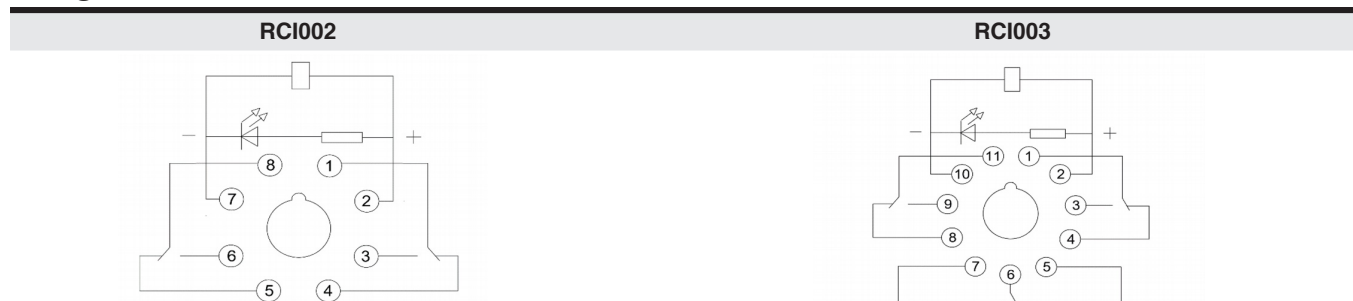
Environmental Specifications

Operational Temperature	-40°C ~ +55°C
Operational Humidity	35% ~ 85%
Storage Temperature	-40°C ~ +55°C
Storage Humidity	20% ~ 85%

Dimensions



Diagram



Industrial Relay Type RCI Monostable



Accessories

Part Number	Description	Stock Code
ZCI08	DIN Socket for RCI002 relay without holding spring	A
ZCI11	DIN Socket for RCI003 relay without holding spring	A
ZCIK53	Metal holding spring for for ZCI08 and ZCI11 sockets	A

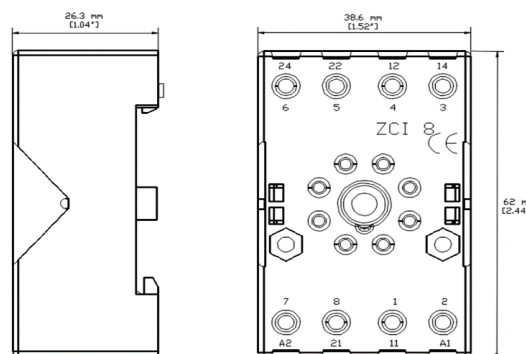
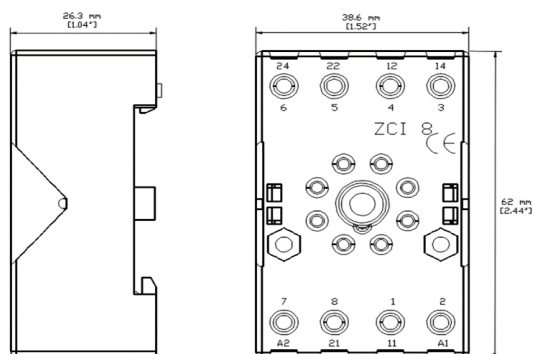
Socket Specifications

Arrangement:	8-PIN, 11-PIN
Insertion and extraction force	30-130 N (8-PIN), 40-150 N (11-PIN)
Max screw torque	0.8Nm (7.1 lb-inch)
Dialectric strength	> 2000V

DIN-rail standard	35 mm
Load capacity	400VAC, 10A
Operational temp. range	-40°C ~ +85°C
Wire size range	20-14 AWG / 0.5-2.5 mm ²

ZCI08

ZCI11



Agency Approvals



E489542
E489543

269657

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