

Plug-In Latching Relay
C3-R Series 10 Amp

RELECO



The coil of the C3-R latching relay has two windings around a magnetic core. This means that if one coil is energised, even momentarily, the contacts switch over and stay latched in one position even after power is removed. To un-latch the contacts, a voltage must be applied to the second coil.

NEW

- Magnetic latching function when power removed
- 10A DPCO contacts
- Colour coded test button
- 'Pull to lock' test button
- Coil voltage marked on top of relay
- Full technical spec on label
- 2 window mechanical flag

Contact Arrangement	DPCO Latching
10A @ 250V ac (AC1); 6A @ 250V ac (AC15)	10A @ 30V dc (DC1); 0.5A @ 110V dc (DC1)
250V ac	2500VA
2500VA	-20 to 60°C
Operating Temperature	On Pulse Power 1.5 VA/W
Off Pulse Power 0.5 VA/W	Min. Pulse Length 50ms (coils withstand permanent connection)

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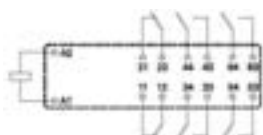
Coil	Mfrs. List No.	Order Code	Price Each			
			1+	20+	100+	250+
12V	C3-R2012D	101-1486	1,774.00	1,613.00	1,452.00	1,344.00
24V	C3-R2024D	101-1487	1,774.00	1,613.00	1,452.00	1,344.00
24V	C3-R2024A	101-1488	1,774.00	1,613.00	1,452.00	1,344.00
115V	C3-R20115A	101-1489	1,774.00	1,613.00	1,452.00	1,344.00
230V	C3-R20230A	101-1490	1,774.00	1,613.00	1,452.00	1,344.00
One Level Terminals						
11 Pins	S3-B+S2-BC+S3-C	108-6855	366.00	319.00	299.00	--
Two Level Terminals						
11 Pins	S3-S+S3-BC+S3-C	108-6859	341.00	290.00	281.00	--

Safety Power Relays

8A PCB - SR6 Safety Relays

tyco Electronics SCHNACK

Forcibly Guided Contacts



NEW

L = 55, W = 16.5, H = 16.5mm

- 6 pole safety relay
- Forcibly guided contacts to EN50205
- Rated current 8A
- 6 kV surge resistance between poles
- TUV and VDE approved, UL Recognised

Contact arrangement	4 NO and 2 NC
Contact Rating	8
Contact Material	AgSnO ₂
Coil Consumption	1200mW
Mechanical life	10 x 10 ⁶ operations
Temperature Range	-25°C to +70°C
Mfrs. List No.	V23050A1012A542=991-3475 V23050A1024A542=991-3483

413970

COIL	Volts	Ω	Order Code	Price Each		
				1+	20+	100+
12V	120		991-3475	2,299.00	1,874.00	1,510.00
24V	480		991-3483	2,299.00	1,874.00	1,510.00

6A, SF4 Series

Positively Guided Contacts

Panasonic



SF4 Series : L=53.3, W=33.4, H=16.5

- Low profile compact packages with PCB terminals
- Now with twin contacts (4NO + 4NC)
- IP67, IP30(breathing hole open) sealed
- Approved to TUV, SEV and CSA, UL Recognised
- Overvoltage category as per IEC 60664-1 III/4 kV
- Rated voltage in V as per IEC 60664-1 basic insulation

4 pole safety relays with forced operation contacts, such that in case of welding of one of the contacts, associated open contacts cannot close.

Contacts arrangement	4PCO	Max. switch frequency	10 Hz (without load)
Contact rating (max)	6A @ 250V ac/30V dc	Coil operating range	75 - 120%
Switch voltage (max)	440V	Temperature range	-40 to +70°C
Power consumption	500mW		

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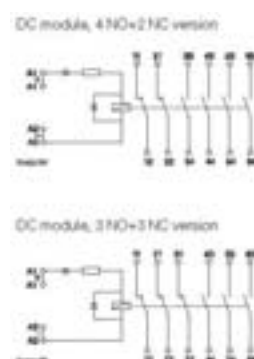
COIL	Volts	Ω	Mfrs. List No.	Order Code	Price Each		
					1+	20+	100+
12V dc	288		SF4-D-12	438-8392	2,265.00	2,142.00	1,873.00
24V dc	1152		SF4-D-24	438-8409	2,265.00	2,142.00	1,873.00

8A PCB - SR6Z Safety Relay on DIN Rail

Forcibly Guided Contacts



L = 87, W = 46, H = 58mm



- 6 pole safety relay
- Forcibly guided contacts to EN50205
- Rated current 8A
- 6 kV surge resistance between poles
- CE approved
- Spring connectors

Contact arrangement	3 NO and 3 NC
Contact Rating	8
Contact Material	AgSnO ₂
Breaking Capacity - ac	2000 VA
Mechanical life	10 x 10 ⁶ operations
Temperature Range	-25°C to +50°C
Mfrs. List No.	SR6ZA024=991-3491 SR6ZB024=991-3505

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Contact Configuration	Coil Volts	Order Code	Price Each		
			1+	20+	50+
3 NO and 3 NCV	24V	991-3491	7,886.00	6,465.00	5,299.00
4 NO and 2 NCV	24V	991-3505	7,886.00	6,465.00	5,299.00

Panel Mounted Power Relays

General Purpose Power Relay

IMO



General purpose 10 amp power relay available in 2PCO plug-in, PCB, chassis mount.

- Arc barriers prevent flashover between contacts
- High reliability/long life expectancy
- UL/cUL approved

Rated Load	Resistive		Inductive	
	10A @ 240V ac/28V dc	7.5A @ 240V ac, 5A @ 28V dc	10A	10A
Rated Current	10A			
Maximum Switching Voltage	250V ac/28V dc			
Operating Time	25ms Max.			
Release Time	25ms Max.			
Dielectric Strength	1500V ac 50/60Hz for 1 min.			
Ambient Operating Temperature	-40 to 70°C		-40 to 70°C	
Mechanical Service Life	20 million ops min.			
Electrical Service Life	100,000 ops at rated load			
Power Consumption	1.2VA ac, 0.9W dc			

Rated Voltage	AC Coils. Coil Resistance	DC Coils. Coil Resistance	Mfrs. List No.	Order Code
12	160Ω	Ω	QY21XXF12DC	100-8803
24	650Ω	Ω	QY21XXF24DC	100-8804
24	184Ω	Ω	QY21XXF24AC	100-8805
110	4550Ω	Ω	QY21XXF110AC	100-8806
230	14400Ω	—	QY21XXF230AC	100-8807

415398

Mfrs. List No.	Order Code	Price Each				
		1+	25+	100+	200+	+
QY21XXF12DC	100-8803	589.00	511.00	450.00	443.00	--
QY21XXF24DC	100-8804	589.00	511.00	450.00	443.00	--
QY21XXF24AC	100-8805	589.00	511.00	450.00	443.00	--
QY21XXF110AC	100-8806	589.00	511.00	450.00	443.00	--
QY21XXF230AC	100-8807	589.00	511.00	450.00	443.00	--

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Relays & Solenoids

Compliant Non-compliant Limited stock - RoHS replacement available

RoHS