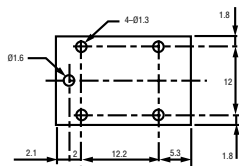


PCB Power Relays — continued

12A, Miniature Power SRM Series



BOTTOM VIEW

- Low profile
- Light weight

- Fully sealed
- UL, CSA, TUV approved

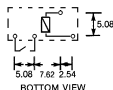
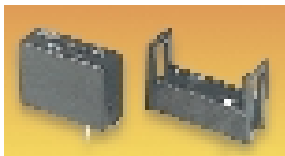
Contact arrangement: SPCO
 Contact rating: 12A @ 250V ac
 Switching capacity: 1750VA/210W
 Contact material: Silver tin indium oxide
 Coil consumption: 360mW

Operate/release time: 15ms/5ms
 Coil operating range: 75% to 130%
 Temperature range: -30°C to +60°C

rel239

COIL		Price Each					
Volts	Ω	Order Code	1+	50+	100+	250+	500+
SPCO - 12A, SRM Series							
5V dc	69	309-2483					
12V dc	400	309-2495					
24V dc	1600	309-2501					

5A Subminiature – 07-MX Series



BOTTOM VIEW

L = 17.5, Socket: L = 19.6,
 W = 6.5, H = 12.5 W = 6.7, H = 6.4 (above PCB)

- SPNO contacts
- Ultra slim package allows stacking on a 0.3" pitch
- Dielectric strength of 3kVrms with coil to contact distance of 4mm
- UL and CSA approved

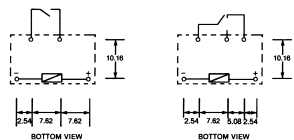
Contact arrangement: SPNO
 Contact rating (resistive): 5A @ 250V ac, 30V dc
 Contact material: Silver
 Switching capacity (max.): 1250VA, 150W
 Coil consumption (nominal): 200mW
 Operate/Release (max): 10ms/3ms
 Pull-in-voltage: 70% of rated voltage
 Temperature range: -40°C to +80°C

Mfrs. List No. 07-MX-045 = 150-512.

rel101

COIL		Price Each					
Volts	Ω	Order Code	1+	10+	50+	100+	500+
SPNO – 07-MX Series							
5V dc	125	150-509					
12V dc	720	150-510					
24V dc	2880	150-511					
PCB Socket		150-512					

7A/10A Low Profile – 07-FXE/M Series.π Sealed



07-FXE-M

07-FXE

L = 19.8, W = 12.5, H = 9.8
 PCB hole dia = 1.0 (coil), 1.2 (contacts)

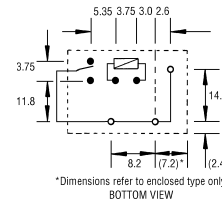
- SPNO and SPCO contacts
- Fully sealed
- Permanent magnet construction, correct coil polarity must be observed
- UL and CSA approved

Contact material: SPNO/SPCO
 Contact rating (resistive): SPNO, 10A @ 250V ac, 30V dc
 SPCO, 7A @ 250V ac, 30V dc
 Contact material: Gold plated silver alloy
 Coil consumption: 200mW
 Operate/Release: 10ms
 Pull in voltage: 70% of rated voltage
 Temperature range: -40°C to +70°C

rel102

COIL		Price Each					
Volts	Ω	Order Code	1+	10+	50+	100+	500+
SPNO – 07-FXE-M Series							
5V dc	125	150-513					
12V dc	720	150-514					
24V dc	2880	150-515					
SPCO – 07-FXE Series							
5V dc	125	150-516					
12V dc	720	150-517					
24V dc	2880	150-518					

30A SPCO Open or Enclosed-PXC/PX Series



*Dimensions refer to enclosed type only.
 BOTTOM VIEW

L = 24.5, W = 21, H = 19.5

PCB drilling

4 holes = 1.5 dia, 3 holes = 2.4 dia

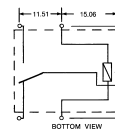
- PCB type automobile relays with high switching power
- Available with or without cover

Contact arrangement: SPCO
 Contact rating: 30A @ 12V dc (resistive)
 150W, 12V dc (lamp)
 10A @ 120V ac (resistive)
 Switching current (max): 30A (continuous energising current 15A)
 Contact materials: Silver alloy
 Dielectric strength: 750V ac, 1 min
 Operate/Release: 10ms
 Coil consumption: 1.0W (12V), 1.2W (24V)
 Pull-in voltage: 80% of nominal
 Temperature range: -30°C to +80°C

REL087

COIL		Price Each					
Volts	Ω	Order Code	1+	10+	50+	100+	250+
Open SPCO - PXC Series							
12V dc	140	176-587					
24V dc	500	176-588					
Enclosed SPCO-PX Series							
12V dc	140	176-589					
24V dc	500	176-590					

5A High Sensitivity – W49 Series



BOTTOM VIEW

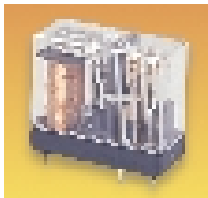
- SPCO contacts
- Very wide coil voltage operating range

L = 31.12, W = 19.28, H = 29.11

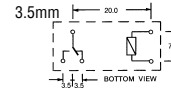
REL041

COIL		Price Each				
Volts	Ω	Order Code	1+	25+	50+	100+
SPCO – W49 Series						
6V dc	410	170-191				
12V dc	1640	170-192				

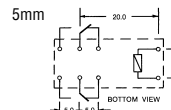
5A/10A Vertical – FBR611/621 Series



FBR611
 L = 28.5, W = 12.5, H = 24.5



FBR621
 L = 28.5, W = 12.5, H = 24.5



VDE (FBR611 only), UL and CSA approved.

Contact arrangement: SPCO/DPCO
 Contact rating: SPCO 10A @ 230V ac
 DPCO 5A @ 230V ac
 Contact material: Silver alloy
 Coil consumption: 500mW
 Operate/Release: 8ms/2.5ms
 Coil operating range: 80 – 110%
 Temperature range: -40°C to +70°C

REL047