

1 Pole To 3 Pole 10 Amp Plug In or Panel Mount Relay

PC731



FEATURES

- 3/16 inch male QC terminals
- Up to 10 amp switching capacity
- Up to 1/2 horsepower rating
- Available with indicator light
- Available with push to test button
- Sockets available from Picker Components
- Available with side or top mounting flange



File # E93379



Certificate # LR 109231

UL/CSA RATINGS

Load Type	Voltage	All Versions All Contacts
General Purpose	120 VAC	10 A
	240 VAC	10 A
	28 VDC	10 A
Resistive	120 VAC	10 A
	240 VAC	10 A
Motor	240 VAC	1/2 HP
	120 VAC	1/3HP

CONTACT DATA

Material		AgCdO (Silver Cadmium Oxide)
Initial Contact Resistance		50 milliohms max @ 1A, 6VDC
Service Life	Mechanical	1 X 10 ⁷ Operations
	Electrical	1 X 10 ⁵ Operations

CHARACTERISTICS

Operate Time	20 ms. Max.
Release Time	20 ms. Max.
Insulation Resistance	1,000 megohms min, at 500VDC, 50%RH
Dielectric Strength	1500 Vrms, 1 min. between coil and contacts 500 Vrms, 1 min. between open contacts 1500 Vrms, 1 min. between contact poles
Shock Resistance	10 g, 11ms, functional; 100 g, destructive
Vibration Resistance	DA 1.5mm, 10-55 Hz
Power Consumption	DC coil 1.2 W, AC coil 2 VA
Ambient Temperature Range	-45 to 70 C, -40 to 130 C storage
Weight	80 grams approx.

ORDERING INFORMATION

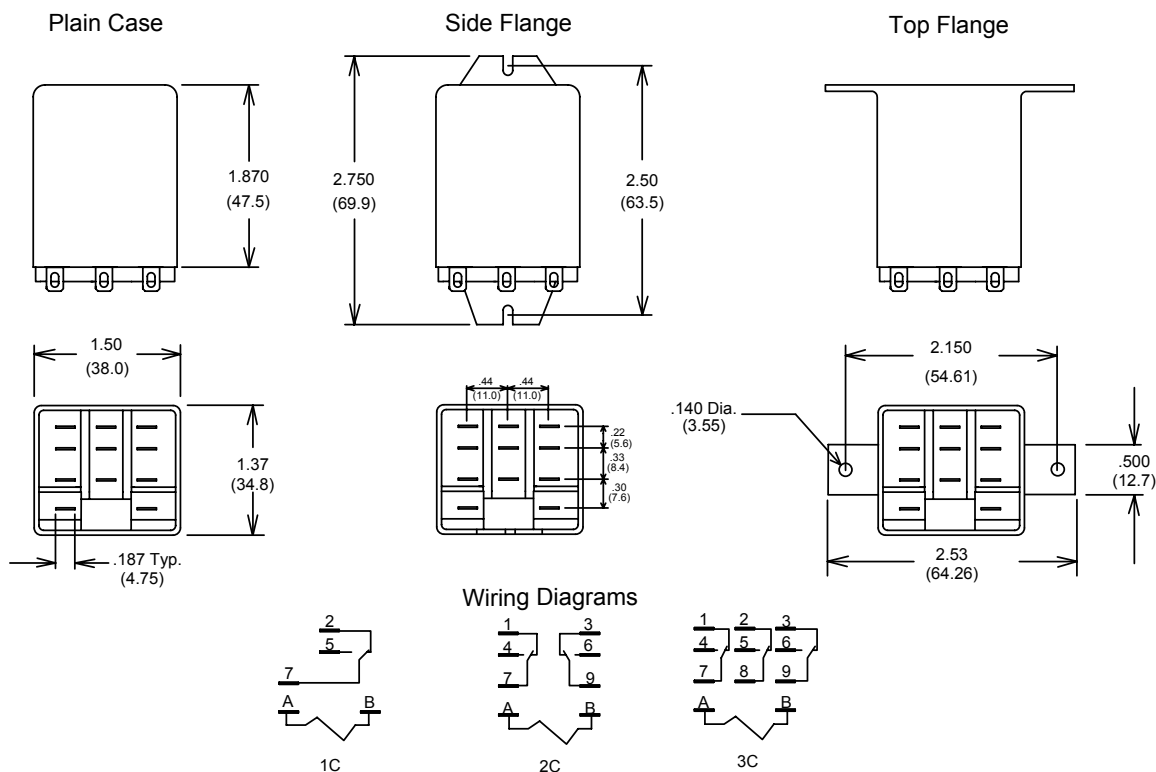
Example:	PC731	2C-	C1-	LM	120 A
Model					
Contact Form					
1C, 2C, or 3C					
Case Style					
C: Plain Case, C1: Side Flange, C3: Top Flange					
Options					
Nil: None; L: Indicator light; M: Push to test					
Coil Voltage					
XXX VDC or XXX VAC					

COIL DATA

Voltage Type		Coil Voltage	Resistance ohms $\pm 10\%$	Coil Power	Must Operate Voltage Max.	Must Release Voltage Min.
DC		6	32	1.2 W	4.5	0.6
		12	120		9.0	1.2
		24	472		18	2.4
		48	1800		36	4.8
		110	10000		82.5	11.0
		125	10000		93.75	12.5
AC	1C & 2C	12	21.0	2.0 VA	9.6	1.2
		24	85.0		19.2	2.4
		120	2250		102	12.0
		240	9110		204	24.0
	3C	12	18.0	2.7 VA	93.5	1.2
		24	72.0		19.2	2.4
		120	1700		102	12.0
		240	7200		204	24.0

Note: Custom coil voltages within the ranges shown are available on special order.

Dimensions in Inches (Millimeters)



Tolerances $\pm .010$ unless otherwise noted

PICKER
COMPONENTS

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