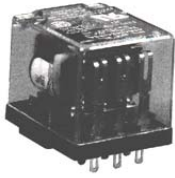


# 10 Amp General Purpose



**UL and cUL**

## CIMI-301 Series 2 & 3 Pole Relay

### Features:

- Unique Design good for 10mA ~ 10Amp loads
- Suitable for a wide range applications
- Many Custom Coils are also available

### Contact Parameters:

Initial Contact Resistance:	<50 mΩ
Resistive Contact Rating:	3PDT: 10A @ 220Vac/28Vdc
Contact Arrangement:	2 Form C (DPDT), 3 Form C (3PDT)

### Environmental Characteristics:

Temperature Range:	-40°C to 70°C
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### Life Expectancy:

Electrical:	10 <sup>5</sup> operations @ rated loads
Mechanical:	10 <sup>6</sup> operations

### Dielectric Withstanding Voltage:

Between Contacts:	1,500 Vrms
Contact Sets:	1,500 Vrms
Coil and Contacts:	1,500 Vrms

### Insulation Characteristic:

Insulation Resistance:	>500 MΩ
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### Mechanical Data:

Dimension:	1.72"x1.71"x1.58"max.
Termination:	PCB, SS, SL, PI
Weight:	85 grams Approx.

### Coil Data @ 20 °C

Rated Voltage (Vdc)	Coil Res. (Ω ±10 %)	Pick-up (Vdc)	Drop-out (Vdc)
12	75	9.6	1.2
24	300	19.2	2.4
110	6,500	88.0	11.0

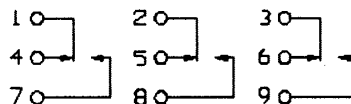
### Coil Data @ 20 °C

Rated Voltage (Vac)	Coil Res. (Ω ±10 %)	Pick-up (Vac)	Drop-out (Vac)
24	54	20.4	4.8
120	1,110	102.0	24.0
240	5,000	204.0	48.0



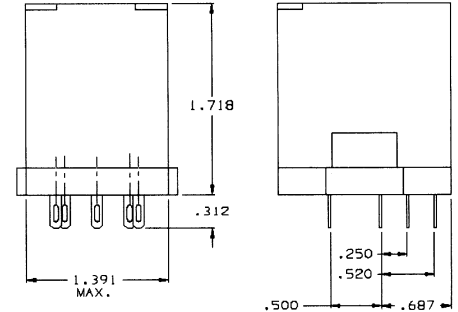
120 ———— 013

DPDT Wiring Diagram

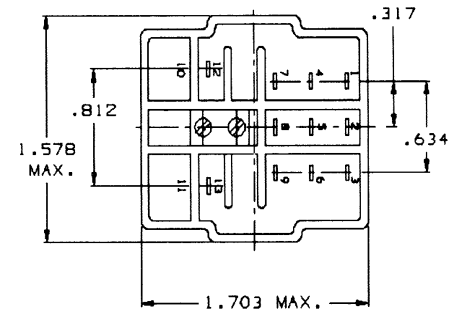


120 ———— 013

3PDT Wiring Diagram



Side View



Bottom View

### Ordering Information:

	CIMI-	301	-3C	-D	-PCB	-24A	(1100)
1. Basic Type:	301						
2. Contact Arrangement:	2C: 2 Form C (DPDT) 3C: 3 Form C (3PDT)						
3. Cover Type:	D: Dust Cover						
4. Terminal Type: (will not appear on relay)	PCB: Printed Circuit Board SS: Solder Socket PI: Plug-in Socket SL: Spade Lug						
5. Coil Voltage:	A: 24, 120, 240Vac D: 6, 12, 110Vdc						
6. Coil Resistance: (may not appear on relay)	Blank: For standard coils. XXXX: Last 4 digit of the coil resistance for all special coils.						

\* Sockets and Hardware available

CIMI-301 Series 2 & 3 Pole Relay