

10 Amp General Purpose



CIMI-13FC Series 3 Pole Relay

Features:

- Compact package with clear dust cover
- Wide range of terminal styles available
- Suitable for a wide range applications

Contact Parameters:

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

Dielectric Withstanding Voltage:

Between Contacts:	1,000 Vrms
Contact Sets:	1,000 Vrms
Coil and Contacts:	1,500 Vrms

Insulation Characteristic:

Insulation Resistance:	>500 MΩ
------------------------	---------

Life Expectancy:

Electrical:	10 ⁵ @ rated load
Mechanical:	10 ⁷ operations

Environmental Characteristics:

Temperature Range:	-40°C to 70°C
Relative Humidity:	98% @ 20°C
Shock Resistance:	20g
Vibration Resistance:	10 ~55Hz @ 1.5mm (Double Amplitude)

Mechanical Data:

Dimension:	1.10 x 1.25 x 1.42 inches max.
Termination:	PCB, SS, SL, PI
Weight:	50 grams Approx.

Coil Data @ 20 °C (Coil Power: 1.4 W)

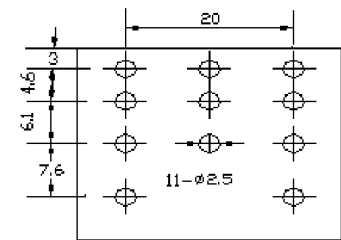
Rated Voltage (Vdc)	Coil Res. (Ω ±10 %)	Pick-up (Vdc)	Drop-out (Vdc)
6	25	4.5	0.6
12	100	9.0	1.2
24	400	18.0	2.4
36	900	27.0	3.6
48	1,600	36.0	4.8
110	8,420	82.5	11.0

Coil Data @ 20 °C (Coil Power: 2.0 VA)

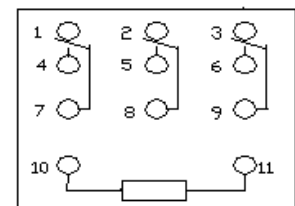
Rated Voltage (Vac)	Coil Res. (Ω ±10 %)	Pick-up (Vac)	Drop-out (Vac)
6	6.5	4.8	1.8
12	25.5	9.6	3.6
24	102	19.2	7.2
36	230	28.8	10.8
48	410	38.4	14.4
120	2,600	96.0	36.0
220	8,600	176.0	66.0

Ordering Information:

	CIMI-	13FC	-3C	-D	T	-PCB	-24A	(1100)
1. Basic Type:	13FC							
2. Contact Arrangement:	3C: 3 Form C (3PDT)							
3. Cover Type:	D: Dust Cover							
4. Mounting Style: (will not appear on relay)	T: Top Flange Mount S: Side Flange Mount Blank: Straight Cover							
5. Terminal Type: (will not appear on relay)	PCB: Printed Circuit Board SS: Solder Socket PI: Plug-in Socket SL: Spade Lug							
6. Coil Voltage:	A: 6, 12, 24, 36, 48, 120, 220Vac D: 6, 12, 24, 36, 48, 110Vdc							
7. Coil Resistance: (may not appear on relay)	Blank: For standard coils. XXXX: Last 4 digit of the actual coil resistance for all special coils.							



Terminal Layout
(Bottom View)



Wiring Diagram
(Bottom View)