



SPECIFICATIONS

Contact Arrangement : 2 Form C, 3 Form C

Contact Material : Silver alloy

Contact Rating

Rated Voltage : 230VAC/24VDC

Max Continuous Current : 10A

@ 230 VAC/24VDC

Max. Switching Current : 10A

Rated Breaking Capacity : 2500 VA

Nominal Coil Power : 1.1 Watts

Operating Power : 0.7 W

Life Expectancy

Mechanical : 10^6 operations

Electrical : 10^5 operations

Contact Resistance : 50m Ohms Max.
(Initial)

Dielectric Strength

Between Open Contact : 500 VRMS

Between Contacts and Coil : 2000 VRMS

Insulation Resistance : >500M Ohms@
500VDC, 25°C, RH50

Operate time
at Nominal Voltage : 20 milli sec. (Max)

Release time
at Nominal Voltage : 10 milli sec. (Max)

Ambient Temperature : -40°C to +70°C

Weight : 115 gms

Typical applications

Industrial Control, Instrumentation, Automation, Battery
Chargers, Power Conditioning Equipments.

Note :

In case of Relay with clamping diode, take
terminal 2 as negative

All dimensions are in mm. Specifications subject to change
without notice. Tolerance unless otherwise specified is $\pm 10\%$

O/E/N 31 - 1R/2R

MEDIUM POWER INDUSTRIAL RELAY

- Compact High Performance
- 2 Form C & 3 Form C Contacts
- Free Wheeling Diode Optional
- DIN Rail Mounting Socket Available
- LED Indication Optional

COIL DATA

Nominal Voltage	2R		1R	
	Pick-up Voltage VDC	Coil Resistance Ohms $\pm 10\%$	Pick-up Voltage VAC	Coil Resistance Ohms $\pm 10\%$
6	5.0	30	5.0	4
12	10.0	150	10.0	16
18	15.0	390	15.0	40
24	20.0	500	20.0	70
48	40.0	2250	40.0	300
115	90.0	10000	90.0	2000
230*	190.0	30000	190.0	10000

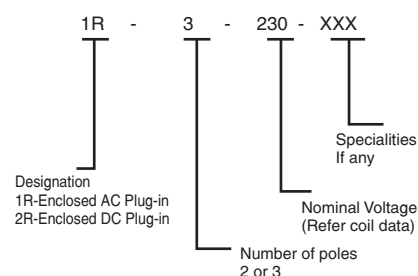
* 220V for DC & 230V for AC Coils

SOCKET ORDERING CODE

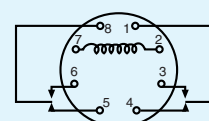
Din rail mounting type

2 Form C Relay	31 - 4200 - 100
	51 - 3000 - 200
3 Form C Relay	31 - 4300 - 100
	51 - 3000 - 300

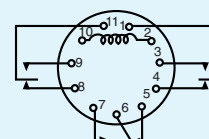
HOW TO ORDER



WIRING LAYOUT



USE WITH 8 PIN SOCKETS



USE WITH 11 PIN SOCKETS

DIMENSION

