

①/E/N 85 MINIATURE POWER RELAYS



- · Lockable Test Button (optional)
- Mechanical Flag Indication
- LED / Free Wheeling Diode / Polarity Protection diode (available on request)
- Space saving Din Rail mounting Sockets 16mm width
- UL Approved (E209843)
- Flange Mounting version available
- Comply to IEC 60255-5

SPECIFICATIONS

: 1 Form C (S & K Type), 2 Form C (S & K Type) Contact Arrangement

Contact Material : Silver Allov

Contact Rating

Rated Voltage : 230 VAC/30 VDC Max. Switching Voltage : 440 VAC/220 VDC

Max. Continuous Current at 230 VAC/30 VDC

1 Form C (S) : 10 A 1 Form C (K) : 16 A 2 Form C (S) : 5 A 2 Form C (K) :8A

Max. Power Rating

1 Form C (S) : 2500 VA 1 Form C (K) : 4000 VA 2 Form C : 2000 VA

Nominal Coil Power : 0.48 W (approx)

Life Expectancy

: 10⁵ operations Electrical

: 2x10⁶ operations (For DC Relay) Mechanical

: 10⁶ operations (For AC Relay)

Contact Resistance (Initial) : 100 milli. Ohms

Dielectric Strength

Between Contact & Coil : 5000 VRMS Between Open Contacts : 1000 VRMS Insulation Resistance : 3000 MegaOhms at

500 VDC 25 C,RH50

Operate time at Nominal Voltage

: 15 milli sec. (Typ)

Release time at Nominal Voltage

:. 15 milli sec. (Typ)

: 20 milli sec. (With diode)

: -40°C to +70°C Ambient Temperature Weight : 21 gms (approx)

Typical applications

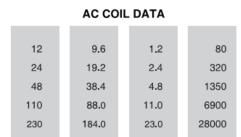
Contact Multiplying Relays, Control Panel Machine Tools, Automation etc.

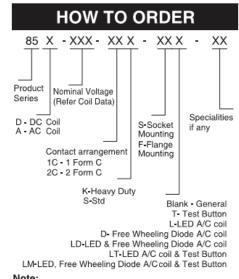
Note: In case of Relay with clamping diode, take

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

COIL DATA Coil Resistance Ohms ± 10% Nominal Voltage Drop-out Voltage V Pick-up Voltage V DC COIL DATA

9.6	1.2	300
19.2	2.4	1200
38.4	4.8	4800
88.0	11.0	23500
100.0	12.5	32500
	19.2 38.4 88.0	19.2 2.4 38.4 4.8 88.0 11.0





Note:

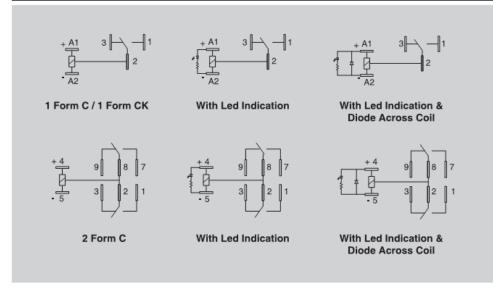
- For relays with LED / Free Wheeling Diode across coil refer to resp. circuit / wiring diagram of relay /
- 2. Flange mounting relays do not have optional features LED/Free Wheeling Diode/Test button.

SOCKET ORDERING CODE

Din rail mounting type

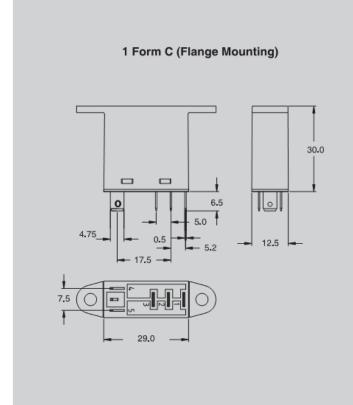
1 Form C / 1 Form CK 85-4900-100 2 Form C 85-4900-200

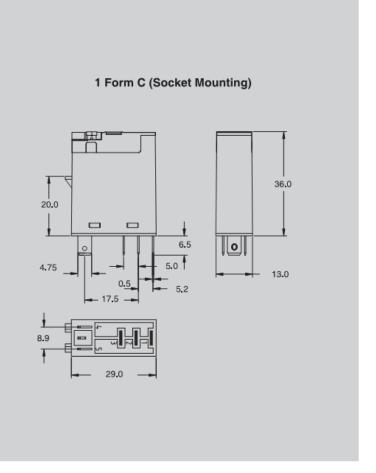
WIRING DIAGRAM

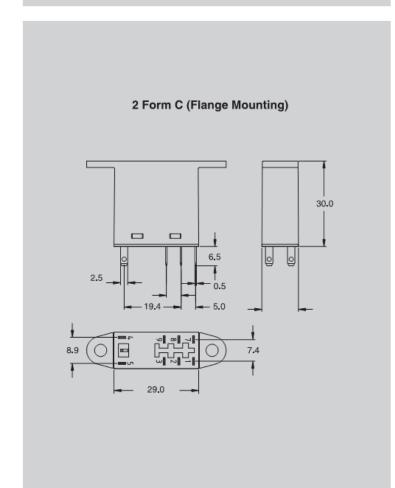


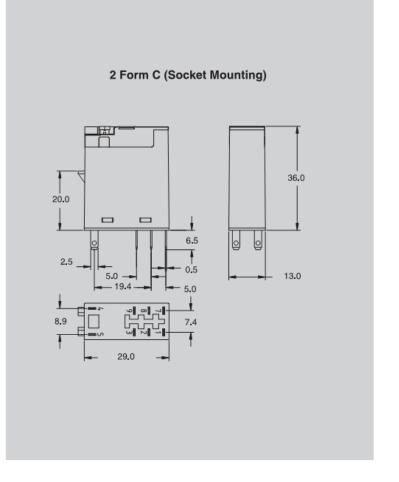


DIMENSIONS









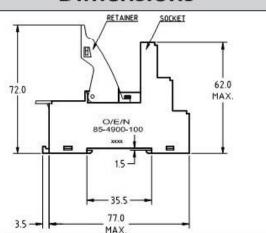
85-4900-100



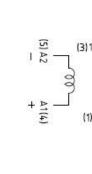
Suitable Relay Type: Series 85

85-4900-200

Dimensions RETAINER SOCKET



Dimensions



Wiring Diagram

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Suitable Relay Type: Series 85, 85 H

