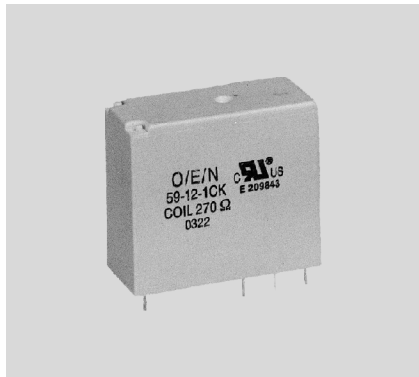




O/E/N 59

MINIATURE POWER RELAY

- International Standard Foot Print
- Compact High Performance
- Direct PCB type
- Dust Protected
- With Technical assistance from Tyco, Germany
- UL Approval for 1 Form A&C Relays (Including K Type)
- Suitable DIN Rail and PCB Sockets Available

SPECIFICATIONS

Contact Arrangement	:1 Form A, 1 Form C, :1 Form A / 1 Form C. (K type) :2 Form A / 2 Form C.
Contact Material	:Silver Alloy
Contact Rating	
Rated Voltage	:230 VAC/24 VDC
Maximum Voltage	:230VAC/220VDC
Maximum Continuous Current at 230VAC/24VDC	
1 Pole K Type	:16A
1 Pole (Standard)	:10A
2 Pole	:5 A
Nominal Coil Power	:0.5W (approx)
Operating Power	:0.36W (approx)
Life Expectancy	
Mechanical	:10 ⁷ operations
Electrical	:10 ⁵ operations
Contact Resistance (Initial)	:50 milli Ohms
Dielectric Strength	
Between Contacts & Coil	:4000 VRMS
Between Open Contactsl	:1000 VRMS
Insulation Resistance	:500 Meg.Ohms at 500VDC,25 ⁰ C,RH50
Operate time at Nominal Voltage	:8 milli sec.(Typ)
Release time at Nominal Voltage	:3 milli sec.(Typ)
Ambient Temperature	: -45 ⁰ C to +80 ⁰ C
Weight	:20 gms (approx)

For Suitable Sockets Refer Socket Section

Typical applications

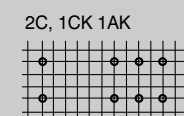
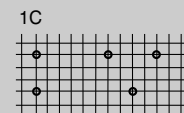
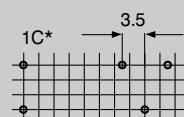
Industrial Electronics, PLCs, Timers, Office Automation, UPS, Home Appliances

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

COIL DATA

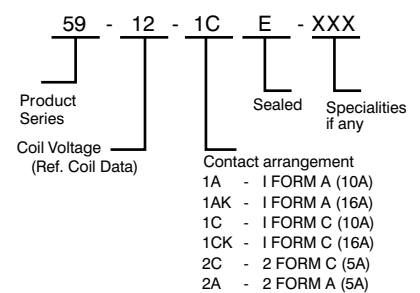
Nominal Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance at 20°C Ohms $\pm 10\%$
6	4.40	0.6	70
12	8.80	1.2	270
24	17.50	2.4	1100
48	35.00	4.8	3300

DRILLING PATTERN

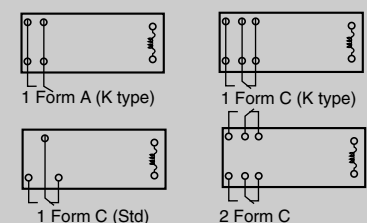


*1 Form C Relays with 3.5 mm pitch available on request.

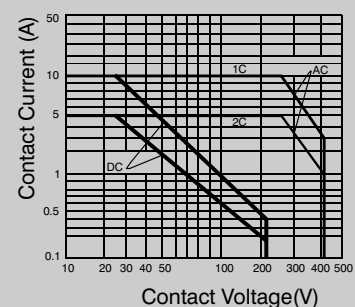
HOW TO ORDER



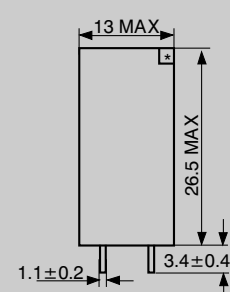
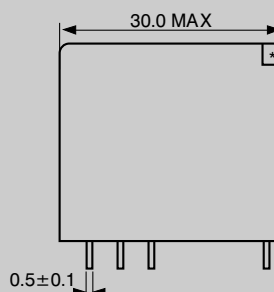
CIRCUIT DIAGRAMS



Limiting Curve for Power Load



DIMENSIONS



* Vent hole to be opened after PCB Soldering & Cleaning