



O/E/N 61 SUB MINIATURE POWER RELAY

- International Standard Foot Print
- High Sensitivity
- Low Profile
- High Capacity
- Sealed

SPECIFICATIONS

Contact Arrangement	: 1 Form C
Contact Material	: Silver alloy
Contact Rating	
Rated Voltage	: 230 VAC/24 VDC
Maximum Voltage	: 230 V AC/120 V DC
Max. Continuous Current	
At 120VAC/ 12VDC	: 10A
At 230VAC/24VDC	: 5A
Maximum Switching Current	: 10A
Maximum Power Rating	: 1250VA
Nominal Coil Power	: 0.36W (approx)
Operating Power	: 0.23W (approx)
Life Expectancy	
Mechanical	: 10 ⁷ operations
Electrical	: 10 ⁵ operations
Contact Resistance (Initial)	: 50 milli Ohms
Dielectric Strength	
Between Contacts & Coil	: 1500 VRMS
Between Open Contacts	: 750 VRMS
Insulation Resistance	: 100 Meg. Ohms at 500VDC, 25 ⁰ C, RH50
Operate time at Nominal Voltage	: 8 milli sec.(Typ)
Release time at Nominal Voltage	: 8 milli sec.(Typ)
Ambient Temperature	: -40 ⁰ C to + 70 ⁰ C
Weight	: 12 gms (approx)

Typical applications

UPS, Home Appliances, Office Automation, Security Systems, PLCs, Timers etc

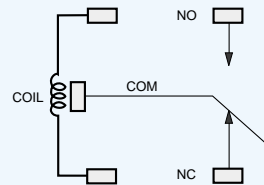
All dimensions are in mm. Specifications subject to change without notice.

COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance Ohms ± 10%
5	4.0	0.5	70
6	4.8	0.6	100
9	7.2	0.9	225
12	9.6	1.2	400
*12	6.3	0.9	225
18	14.4	1.8	900
24	19.2	2.4	1600
48	38.4	4.8	6400

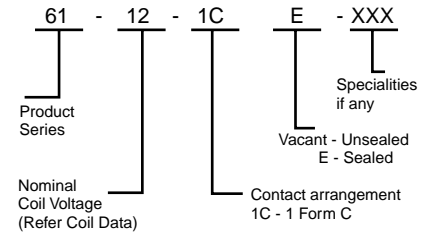
*Automotive Version

CIRCUIT DIAGRAM

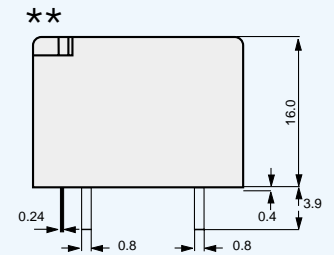


View : Terminal Side

HOW TO ORDER



DIMENSIONS



** Vent tab on the cover corner should be cut off after PCB cleaning to allow ventilation during operation.

DRILLING PATTERN

