



# O/E/N 62 HEAVY-DUTY POWER RELAY

- International Standard Foot Print
- Continuous Current Rating upto 30A
- High Capacity
- Dust Protected / Sealed
- With Technical Assistance from Schrack AG. AUSTRIA

## SPECIFICATIONS

Contact Arrangement	: 1 Form A/1 Form C
Contact Material	: Silver Alloy
Contact Rating	
Rated Voltage	: 230 VAC/24 VDC
Maximum Voltage	: 440 VAC
Maximum Continuous Current @ 230 VAC/24VDC	
1 Form A	: 30A
Motor load	: 2HP/230VAC
1 Form C	: N/O - 20A N/C - 10A
Maximum Power Rating	: 7500VA (SPST)
Nominal Coil Power (approx)	: 0.93W
Operating Power	: 0.50W (approx)
Life Expectancy	
Mechanical	: 10 <sup>7</sup> operations
Electrical	: 10 <sup>5</sup> operations (For AC Loads see graph)
Switching Rate	: 20 Cpm
Contact Resistance (Initial)	: 50 milli Ohms
Dielectric Strength	
Between Contacts & Coil	: 4000 VRMS
Between Contacts	: 1500 VRMS
Insulation Resistance	: 10 Meg.Ohms at 500VDC, 25 <sup>0</sup> C, RH50
Operate time at Nominal Voltage	: 9 m sec.(Typ)
Release time At Nominal Voltage	: 7 m sec.(Typ)
Ambient Temperature	: -55 <sup>0</sup> C to +85 <sup>0</sup> C
Solder time	: 5 sec. max
Solder bath temperature	: 260 <sup>0</sup> C max
Weight	: 26 gms

\* The tab on the cover should be removed after PCB cleaning.

### Typical applications

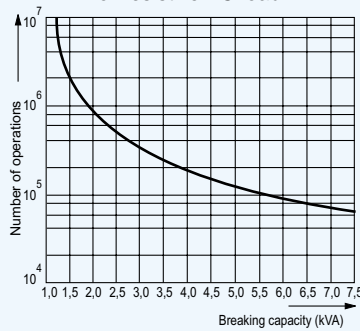
Air Conditioning Systems, Ventilation, Heater, Domestic Appliances, Security Systems, Power

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

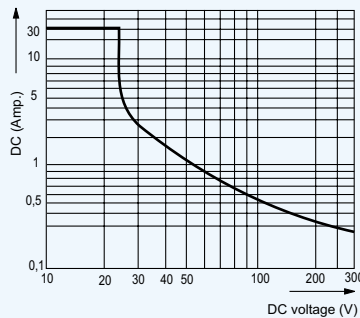
## COIL DATA

Coil Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance at 20°C Ohms ± 10%
5	3.75	0.5	27
6	4.50	0.6	40
9	6.75	0.9	97
12	9.00	1.2	155
18	13.50	1.8	280
24	18.00	2.4	660
48	36.00	4.8	2640

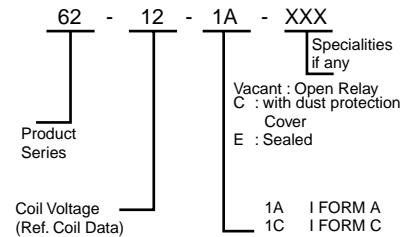
### Contact Life for resistive AC load



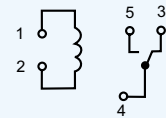
### Limiting curve for power load for resistive load (NO)



## HOW TO ORDER

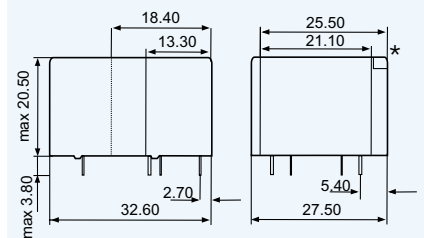


## CIRCUIT DIAGRAM



View : Terminal Side

## DIMENSIONS



## DRILLING PATTERN

