



O/E/N 74

AUTOMOTIVE POWER RELAY

- High Capacity
- Current Rating upto 30A
- Light Weight
- Mounting Socket Available

SPECIFICATIONS

Contact Arrangement	: 1 Form C
Contact Material	: Silver Alloy
Contact Rating	: 30A @ 12VDC thro' NO 20A @ 12VDC thro' NC
Maximum break Current at 15VDC	: 40A
Nominal Coil Power	: 1.6W (approx)
Operating Power	: 0.80W (approx)
Life Expectancy	
Mechanical	: 10 ⁷ operations
Electrical	: 10 ⁵ operations
Max. Switching Rate	: 40 Cpm
Contact Resistance (Initial)	: 50 milli Ohms
Dielectric Strength	
Between Open Contacts	: 500 VRMS
Between Contacts & Coil	: 750 VRMS
Insulation Resistance	: 1000 Meg.Ohms at 500VDC, 25 ⁰ C,RH50
Operate time at Nominal Voltage	: 15 milli sec. (Typ)
Release time at Nominal Voltage	: 15 milli sec. (Typ)
Ambient Temperature	: -45 ⁰ C to +85 ⁰ C
Weight	: 25gms (approx)
Mounting	: Socket / Bracket

Typical applications

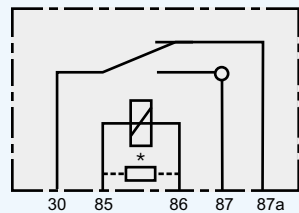
Automotive Security Systems, Starter Motor, Automotive A/C Controls, Radiator Fan, Horn Controls.

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

COIL DATA

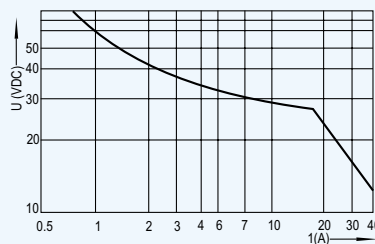
Nominal Voltage VDC	Pick-up Voltage VDC (Max)	Drop-out Voltage VDC (Min)	Coil Resistance Ohms (± 10%)
12	8	1.2	85
24	17	2.4	305

CIRCUIT DIAGRAM

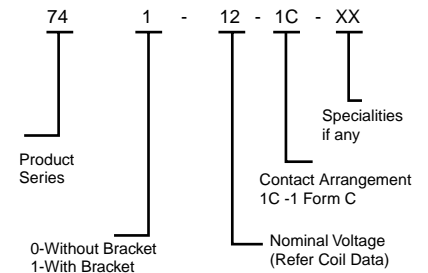


* parallel resistor or diode optional

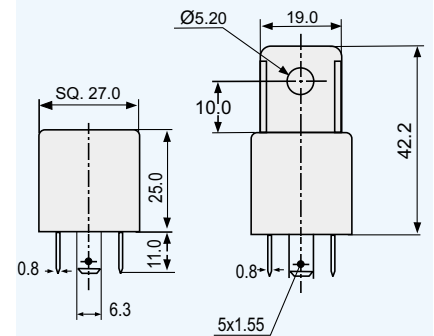
Limiting curve for power load



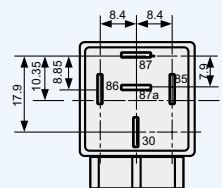
HOW TO ORDER



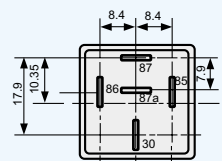
DIMENSIONS



BOTTOM VIEW



Relay with Bracket



Relay without Bracket