

O/E/N 33H

HEAVY DUTY POWER RELAY

- Heavy Duty make, break & carry upto 20Amps
- 2 Form C and 1 Form Z version
- Dust Protected
- LED & Freewheeling Diode (Optional)
- Panel mountable socket

SPECIFICATIONS

Contact Arrangement	: 2 Form C, 1 Form Z
Contact Material	: Silver Alloy
Contact Rating	: Make, Break & Carry:
2 Form C	: 10 A @ 220 VDC
1 Form z	: 20 A @ 220 VDC
Max. Switching Voltage	: 220 VDC
Max. Switching Current	: 20 A
Contact Resistance Initial	: <50 m Ohms
Life Expectancy	
Mechanical	: 10^6 operations
Electrical	: 10^5 operations
Dielectric Strength	
Between coil and contacts	: 2500VAC
Insulation Resistance	: 1000Meg.Ohms @ 500 VDC,25°C, RH50
Operate time at nom. Volt	: 12 milli sec max
Release time at nom. Volt	: 6 milli sec max
Ambient Temperature	: -40°C to + 55° C
Weight	: 125 g

Typical applications

Circuit Breaker, High Voltage DC switching applications, High Voltage DC Motor etc.

Socket Ordering Information

Solder Type	: 33 - 4182 - 100
Screw Type	: 33 - 4100 - 200

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

COIL DATA

Nominal Voltage V DC	Must Operate Voltage V DC	Must Release Voltage V DC	Coil Resistance Ohms ± 10%
12	9.0	1.2	75
24	18.0	2.4	250
48	36.0	4.8	1175

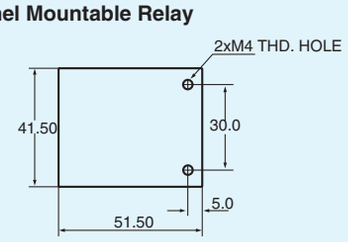
AC COIL

115	86	12	1000
230	172	23	4325

Special coils available on request*

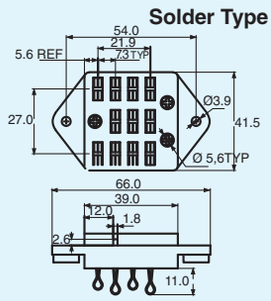
MOUNTING HOLE

Panel Mountable Relay

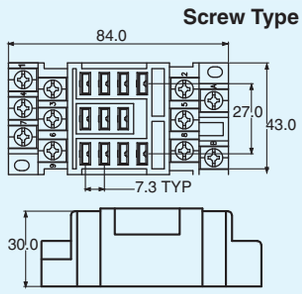


SOCKET TERMINAL LAYOUT

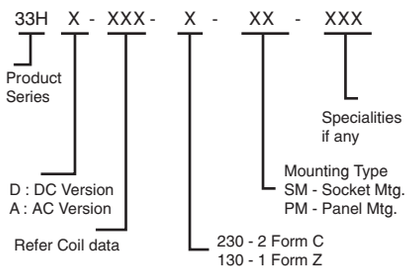
Solder Type



Screw Type

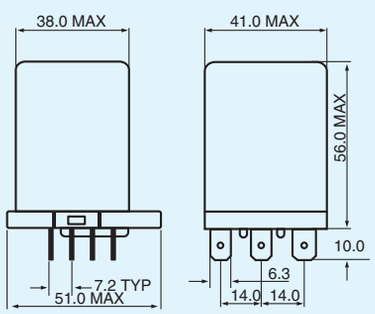


HOW TO ORDER

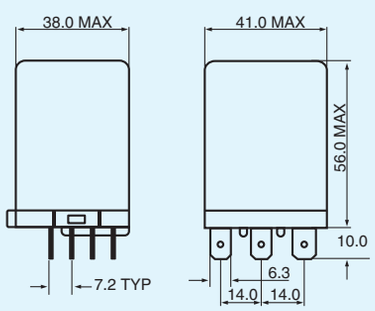


DIMENSION

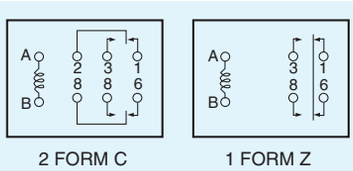
Panel Mountable



Socket Mountable



CIRCUIT DIAGRAM



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