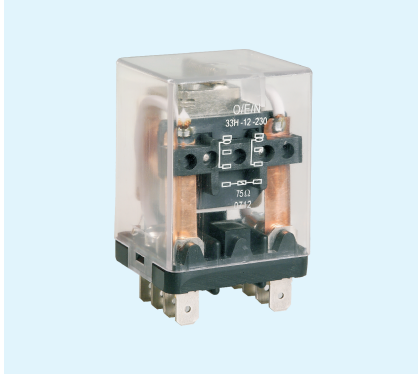


O/E/N 33H

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.

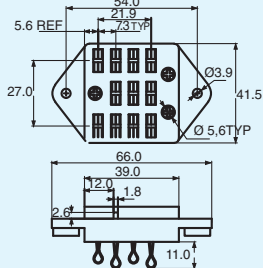
Socket Ordering Information

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

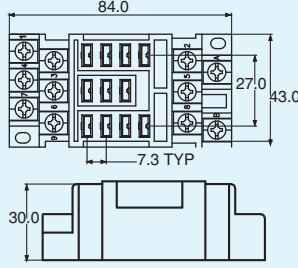
All dimensions are in mm. Specifications subject to change without notice.

SOCKET TERMINAL LAYOUT

Solder Type



Screw Type



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

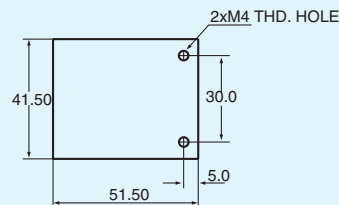
AC COIL

115	86	12	1000
230	172	23	4325

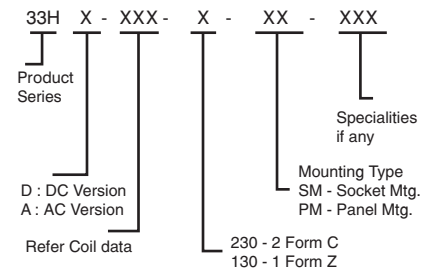
Special coils available on request*

MOUNTING HOLE

Panel Mountable Relay

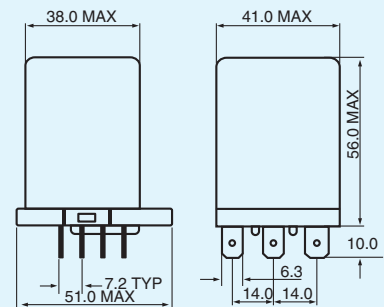


HOW TO ORDER

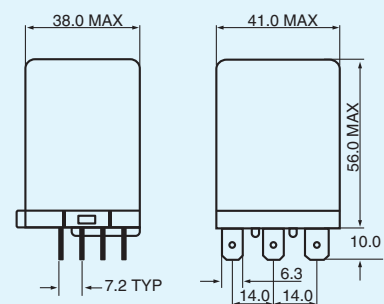


DIMENSION

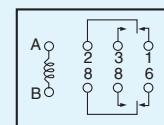
Panel Mountable



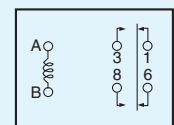
Socket Mountable



CIRCUIT DIAGRAM



2 FORM C



1 FORM Z