

Over Voltage rotector

Nuteck Power Solutions Ltd.
1st Floor, 115/5, Ramtekdi Industrial Area,
Hadapsar, Pune-411013.
Tel : +91 26811162, Mob : +91 9552545012
Email : info@nuteck.in
Web : www.nuteck.in

1 - phase Over Voltage rotector

• Features:

- Withstand 470VAC Continuous LINE to NEUTRAL
- Protected against Overvoltage/Under voltage
- High reliability
- User-friendly LED indications.
- Fixed trip delays.
- Fixed trip setting for Under voltage/ Over voltage
- Compact Size.



SPECIFICATION

MODEL		O-1-3	O-1-3-F	O-1-3-S	O-1-3-C	O-1-6	O-1-10
Input	Supply Voltage	240VAC 1 phase					
	Frequency	45 ~ 65Hz					
	Power Consumption at 240VAC	<2W				<3W	<4W
Output	VA	3KVA				6KVA	10KVA
	Under Voltage	133VAC +/-2% Voltage setting with respect to neutral					
	Over Voltage	275VAC +/-2% Voltage setting with respect to neutral					
	Trip Response Time	<100 msec.					
	Reset Mode	Auto					
Reset	Hysteresis	5 to 10VAC for UV & OV					
	Power on delay	6 to 10 secs.					
	LED Indication	Indications for Output On=Green, Delay=Yellow, Under Cut-off / Over Cut-off=Red					
Environment	Working Temp.	-5DegC to 55DegC.					
	Working Humidity	20 to 90%RH Non Condensing.					
	Storage Temp Humidity	-10 to 85DegC 10 to 95% RH.					
	Vibration	10 to 500Hz,2G,20min/sweep,per 1Hr,Each along X,Y,Z axes.					
EMI & EMC	Harmonic Current Emission	Designed to meet IEC 61000-3-2					
	ESD	Designed to meet IEC 61000-4-2					
	Radiated Susceptibility	Designed to meet IEC 61000-4-3					
	Electrical Fast Transients	Designed to meet IEC 61000-4-4					
	Surges	Designed to meet IEC 61000-4-5					
	Conducted Susceptibility	Designed to meet IEC 61000-4-6					
	Voltage Dips & Interruptions (AC)	Designed to meet IEC 61000-4-11					
	Conducted Emission	Designed to meet CISPR 14-1					
	Radiated Emission	Designed to meet CISPR 14-1					
Other	Enclosure Protection Grade	IP-20					
	Dimension (L*W*H) (in mm)	140*78*52		190*78*53	140*78*53	186*90*82	
Connectivity	Input	Mains color 16A / 250VAC 1 sq.mm 1700mm length with in line standard 3 Pin Plug			Screw Less 5 Pin Terminal Block 15 A	5 pin Terminal block 800V / 57A; Wire Size = 1.5 to 10mm ²	
	Output	Screw Less 3 Pin Terminal Block 15 A	Female power color 1 sq.mm 3 core 0.6 mtrs.	16A / 250VAC in line standard 3 Pin Socket			
Note:	1) The Under voltage cut-off and Over voltage cut-off settings can be available as per the customer requirement. 2) Specifications are subject to change without prior notice due to constant improvement in design & technology.						

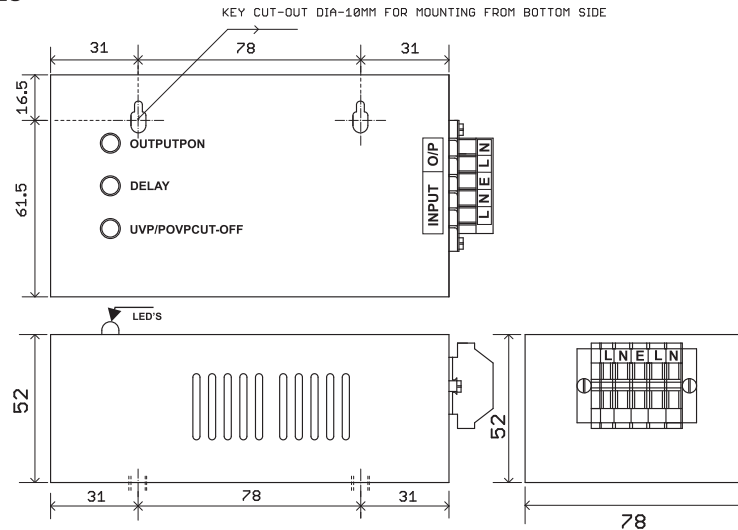
Over Voltage rotector

Nuteck over Solutions Ltd.
1st Floor, 115/5, Ramtekdi Industrial Area,
Hadapsar, Pune-411013.
Tel : +91 26811162, Mob : +91 9552545012
Email : info@nuteck.in
Web : www.nuteck.in

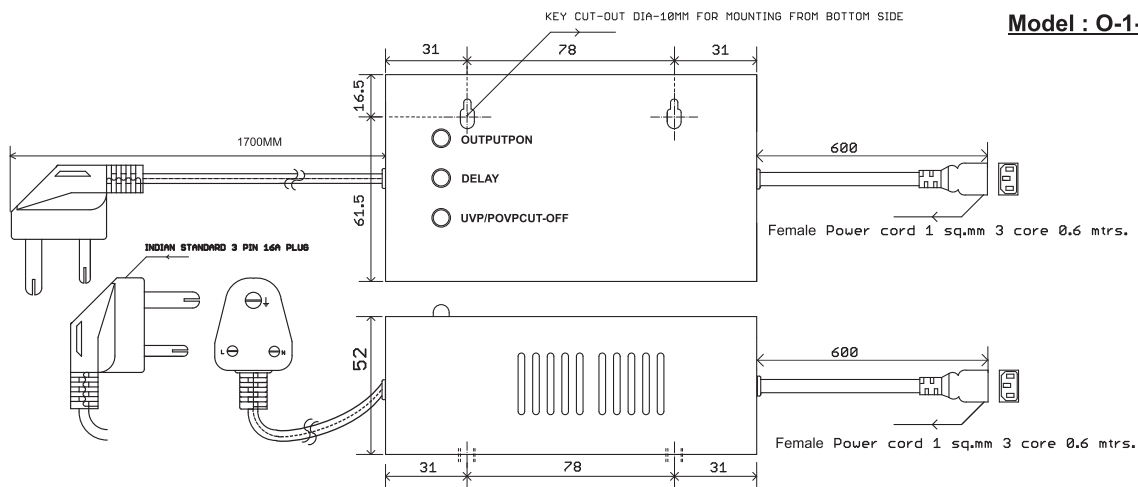
1 - Phase Over Voltage rotector

DIMENSIONAL DETAILS

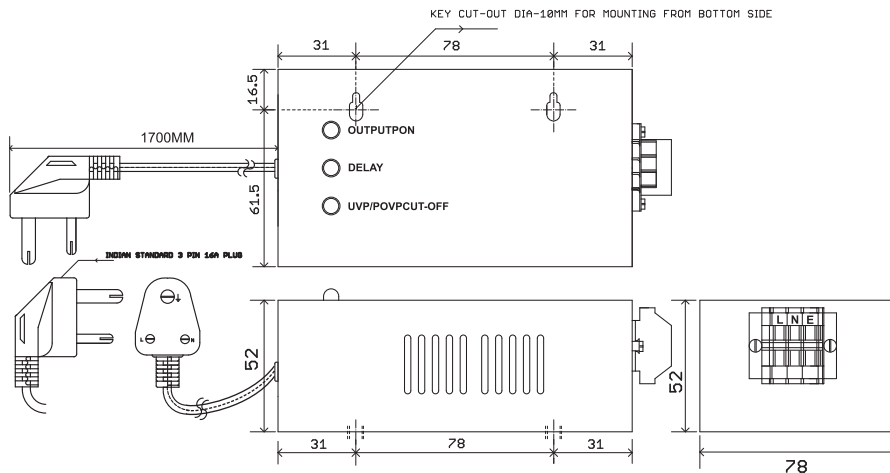
Model : O-1-3-C



Model : O-1-3-F



Model : O-1-3



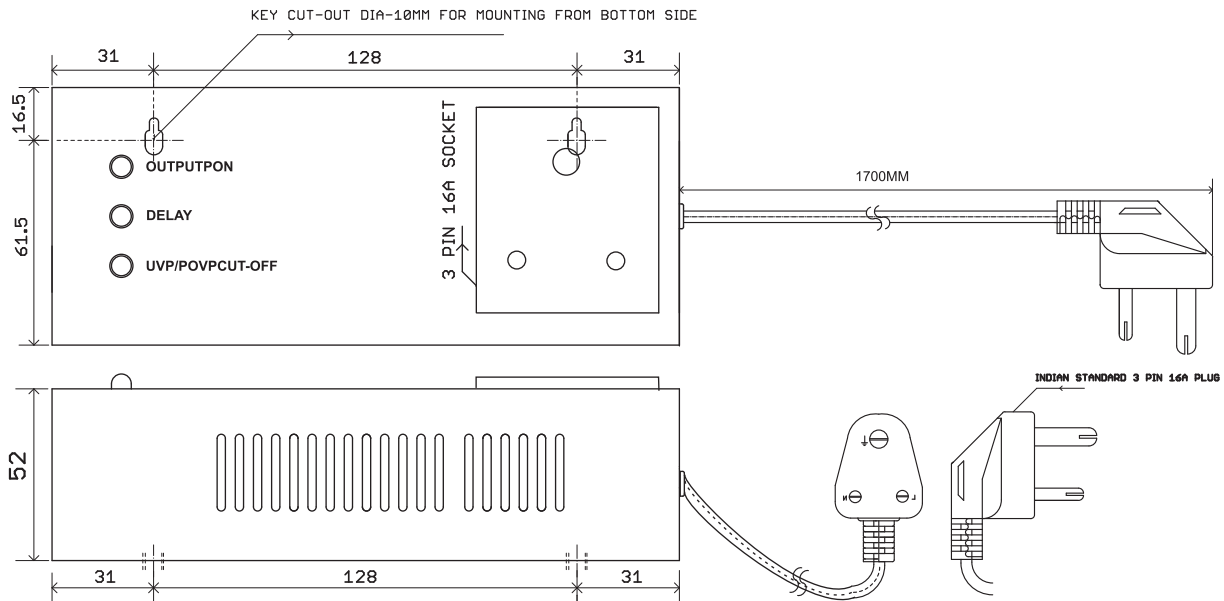
Over Voltage rotector

Nuteck Power Solutions Ltd.
1st Floor, 115/5, Ramtekdi Industrial Area,
Hadapsar, Pune-411013.
Tel : +91 26811162, Mob : +91 9552545012
Email : info@nuteck.in
Web : www.nuteck.in

1 - Phase Over Voltage rotector

DIMENSIONAL DETAILS

Model : O-1-3-F



Model : O-1-6 & O-1-10

