

# Fast Discharge device RPD 3A

## GENERAL CHARACTERISTICS

Fast Discharge Resistor RPD 3A is designed to discharge power capacitors within few seconds. It can be used with rated network voltage up to 400V and frequency 50 or 60Hz. The highest capacitor bank power it can deal with is 75 kvar and its discharge time till residual capacitor voltage of 50V is 3 seconds.

Several discharge times till residual capacitor voltage of 50V are shown in table below. They are shown for 230V and 400V capacitor rated voltage and frequency of 50 and 60 Hz.

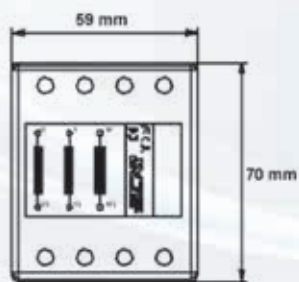


Q (kvar)	230V - 50Hz (seconds)	230V - 60Hz (seconds)	380V - 60Hz (seconds)	400V - 50Hz (seconds)	400V - 60Hz (seconds)
5	0.5	0.4	0.2	0.2	0.2
10	0.9	0.8	0.4	0.4	0.3
12,5	1.1	1.0	0.4	0.5	0.4
20	1.8	1.5	0.7	0.8	0.7
25	2.3	1.9	0.9	1.0	0.8
40	3.7	3.1	1.4	1.6	1.3
50	4.6	3.8	1.8	2.0	1.6
75	6.9	5.7	2.7	3.0	2.5

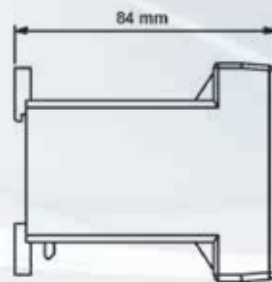
## TECHNICAL CHARACTERISTICS

- Working voltage: 200÷400V
- Frequency: 50/60Hz
- Service: continuous
- Phases: 3
- Working temperature: -5/+40°C
- Degree of protection: IP20
- Weight: 0,4Kg

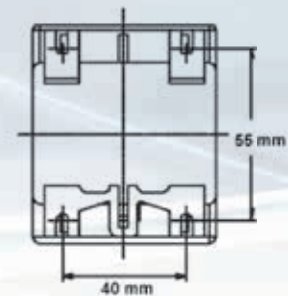
## DIMENSIONS



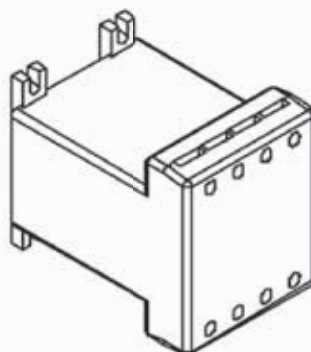
**FRONT  
VIEW**



**SIDE  
VIEW**

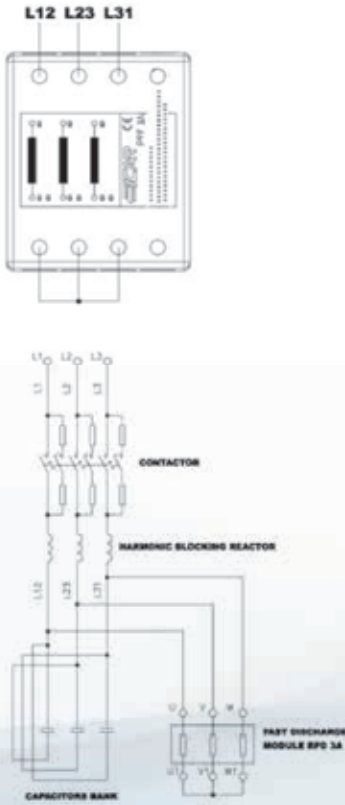


**REAR VIEW  
(FIXING  
DETAILS)**

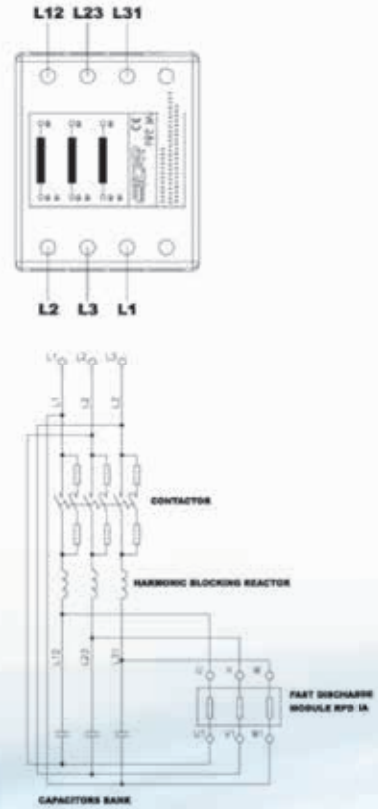


# CONNECTING DIAGRAMS

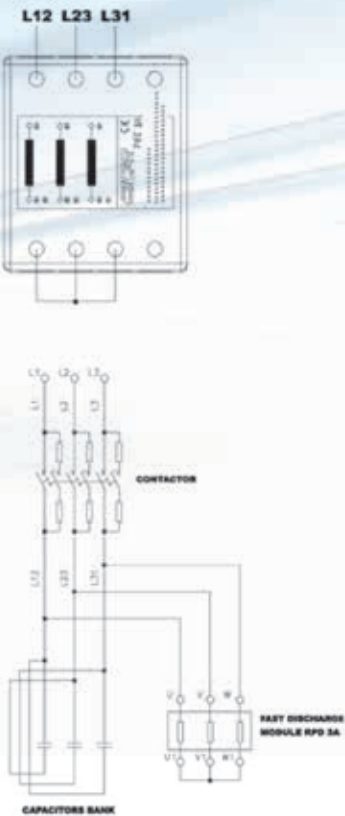
**CONTACTOR OUTSIDE TO THE CAPACITORS DELTA CONNECTION ( SINGLE PHASE OR THREE PHASE CAPACITORS)**



**CONTACTOR INSIDE TO THE CAPACITORS DELTA CONNECTION ( SINGLE PHASE CAPACITORS ONLY)**



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