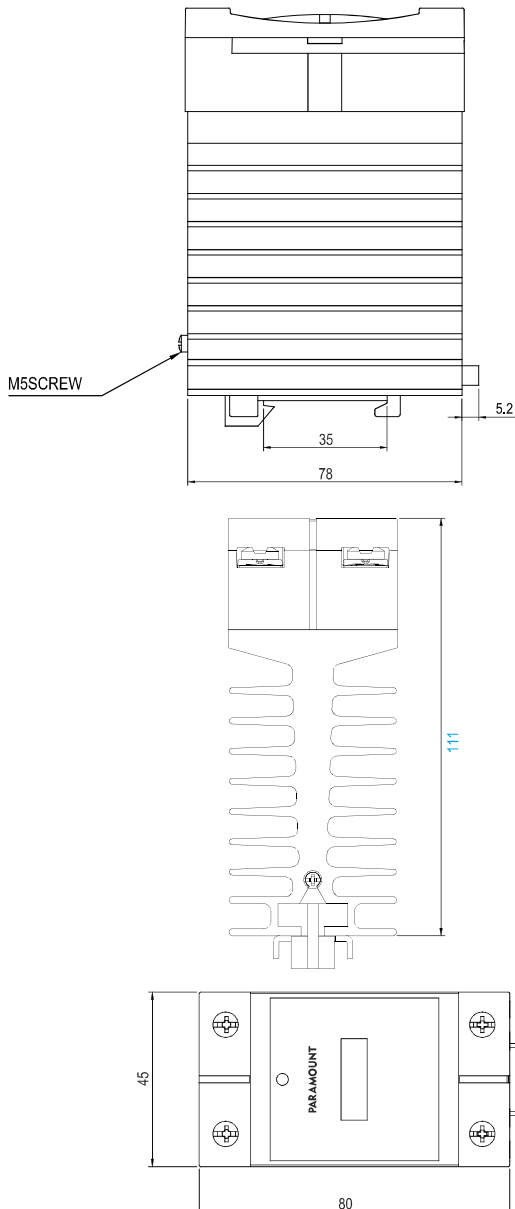




Dimensions in mm.



PSR - 45

Solid State Relays Din Rail Mountable Type

Specifications

Operate Time Max	: Z - AC = 12 msec & DC = 20 msec
Release Time Max	: R - AC = 1/2 cycle & DC = 40 msec
Output ON Voltage Drop	: 1.6 VRMS
Insulation Resistance (between I/P & O/P)	: 100 M Min. @ 500VDC
Dielectric Strength	: 3.0 KVAC (Between input and Output)
Ambient Temperature	: -20° C to +70° C
Heat sink Capacity @ Max.	
Load current	: 3.5 ° C/W
Dimension	: L x B x H = 80 x 45 x 110
Weight	: 355 gms
Mounting Type	: Din Rail Mountable

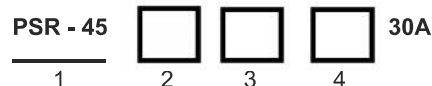
Input Circuit

LED Indicator	: Available
Control Voltage Range	: DC - 3 to 32VDC
Control Current	: 15 mA Max

Output Circuit

Load Current Range	: 0.1A to 30A
Load Voltage Range	: 35 - 300 VAC / 50 - 480VAC
Non-repetitive Max.	
Peak Voltage	: 600VAC / 800VAC
Non-repetitive Max.	
Peak Current @ 50Hz	
1 full cycle	: 250A
1 ² A ² 2 S tp 10msec	: 55
Max. off state Leakage current	: 5mA
Max. Off -state slew rate (dv/dt)	: 500V / μs
On State Voltage Drop	: 1.6V max
Operating Frequency range	: 47 to 63 Hz

Ordering Information



1. MODEL NUMBER PSR-45 Solid State Relay	3. SWITCHING MODE Z : Zero Cross Over R : Random
2. INPUT VOLTAGE AC / DC A : 3 VDC to 32 VDC B : 115 VAC (85 VAC - 130 VAC) C : 230 VAC (170 VAC - 250 VAC) D : 100 VAC to 230 VAC	4. OUTPUT LOAD VOLTAGE 1 : 35 to 330 VAC 2 : 50 to 480 VAC 3 : For DC output load voltage contact factory

Approvals