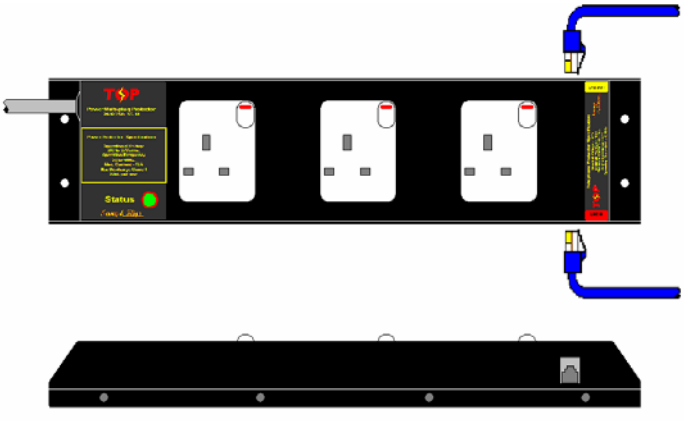
Series PMP
Power Multi-Plug Protector

PMP Series

- Use for Main Power Supplies for general protection of electrical and electronics equipments and appliance from Surge Transient.
- Suitable for all electronics or electrical equipments using 3-Pin Power Plug of up to 13A such as computer desktops, modems, fax machine, printers and server units.
- Can be installed mounted on the wall and panels within a equipment cabinet..
- Protector for Single Phase supply 220 / 230 / 240VAC, 40/60Hz.
- Two version - Standard three gang of 3-Pin sockets or with additional telephone RJ11 jack protector.



Product Features

- Maintenance free.
- LED status indication.
- Mounting holes allow easy mounting on the wall, equipment cabinet panel and computer workstations.
- Can be used for equipments using up to 13A current.
- Maximum discharge current of 10kA per mode, 20kA per unit.
- Low let-through or clamping voltage (V_p).
- Full mode protection for single phase (L-N, L-E and N-E) supplies.
- Thermal tripping device and other protection devices allows safe disconnect due to faulty supplies.
- Flexible combination of 3 Gang 3-Pin Sockets or 3 Gang 3-Pin Sockets with Telephone Line Protection.
- Continuous and repeated protection in intense environment.
- Robust metallic casing.

Testing Specification

Single Phase Power Multi-Plug Protector

- Tested to 6kV 1.2/50µs, 3kA 8/20µs, Accordance to:
  - BS6651:1999, Appendix C, Cat A-High
  - SS CP33:1996, Appendix F, Cat A-High
  - UL 1449 mains plug-in
- Tested to 6kV 1.2/50µs, 3kA 8/20µs, Accordance to:
  - BS6651:1999, Appendix C, Cats B-High
  - SS CP33:1996, Appendix F, B-High
- Tested to 6kV 0.5µs, 100kHz ring wave, 200A, Accordance to:
  - IEEE C62.41-1991 Location Cat A3
  - AS 1768-1991, Appendix B, Cat A

Telephone Protector (Additional Unit)

- Tested to 5kV 10/700µs, Accordance to:
  - BS6651:1999, Appendix C, Cats C-High
  - ITU IX K17 (CCITT)

Installation

Very easy to used. Just plug the 3-Pin plug of the equipment into any of the 3-Pin socket provided on the protector.

Selection

The Power Multi-Plug Protector comes in two version. Standard 3 gang 3-Pin Socket and 3 gang 3-Pin Socket c/w Telephone Line Protector. Just indicate the model number correctly as below:

- **PMP250-3G-M**
  3 x 3-Pin Sockets
- **PMP250-3G/TN-M**
  3 x 3-Pin Socket with additional Telephone Protector

Series PMP
Power Multi-Plug Protector

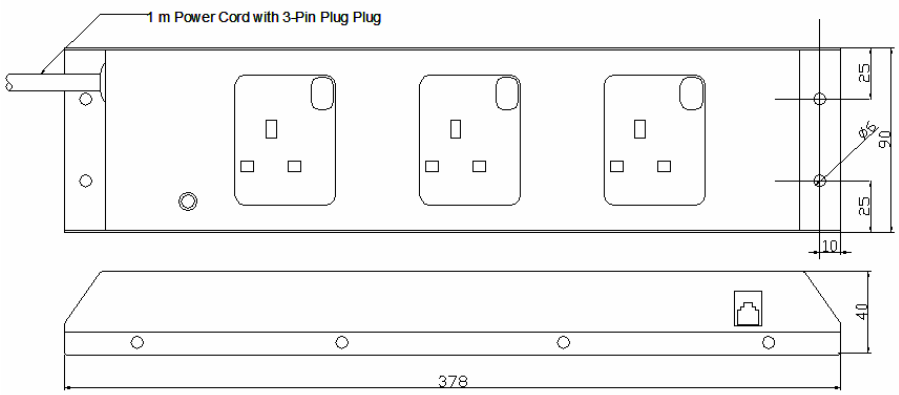
Product Specification

Model No.	PMP250-3G-M	PMP250-3G/TN-M
Nominal Voltage V_n (RMS)	240V	240V
Operational Voltage V_o(RMS)	200-270V	200-270V
Operational Frequency	40-60Hz	40-60Hz
Maximum Operating Current (Unit is fused at 13A)	≤13A**	≤13A**
Leakage Current	<500μA	<500μA
Clamping or Let-through Voltage V_p		
6kV 1.2/50μs, 500A 8/20μs	<560V	<560V
6kV 1.2/50μs, 3kA 8/20μs	<600V	<600V
Mode of Protection (Full Mode)	L-N, L-E, N-E	L-N, L-E, N-E

Model No.	PMP250-3G/TN-M
Nominal Voltage (D.C.)	165V
Nominal Voltage (A.C.)	116V
Maximum Continuous Operating Voltage	185V
Maximum Load Current	500mA
Bandwidth (3dB, 50Ω system)	>12MHz
Leakage Current (Nominal Voltage)	10μA
Modes of Protection	L-L and 2 x L-E
Clamping or Let-through Voltage V_p	
5kV 10/700μs, 125A ITU Standard	200V
Nominal In-Line Resistance (per line)	4.7 Ω

Model No.	PMP250-3G-M	PMP250-3G/TN-M
Max. Discharge Current (I_{max}) 8/20μs per mode	10kA	10kA
Max. Discharge Current (I_{max}) 8/20μs per unit	20kA	20kA
Operation Temperature	-30 to 70°C	-30 to 70°C
Mounting	Screw mount	Screw mount
Connection Type	Power - 3 Square Pin Socket in accordance to BS1363, MS589, SS145	Power - 3 Square Pin Socket in accordance to BS1363, MS589, SS145 Telephone - RJ11 Socket
Weight (kg)	1.4	1.5

Physical Dimension (mm)



** Maximum Operating Current 16A available on request.

Note: The company reserve the right to make changes to the product design and specification without prior notice due to continuous product improvement policy

Newey & Klips