

MTL MA3115 Range

Operating Instructions for Single phase, T2+T3 SPD



CAUTION

Do not attempt to open or tamper with the SPD in any way as this will compromise performance and will void the warranty.

Megger and hi-pot tests will damage this device. Disconnect all power supplying the equipment and isolate the SPD unit before testing.

Prior to installation, confirm the SPD is rated for the correct voltage, and frequency equivalent to the application.

Installation

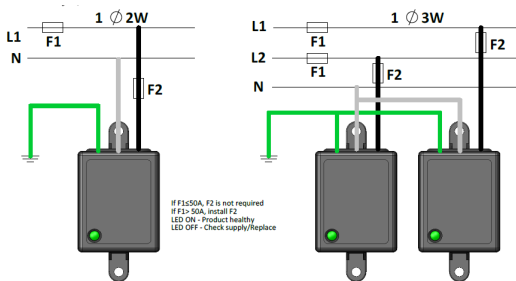
- 1) Turn off all power supplying this equipment.
- 2) Mount the SPD using the enclosure flanges to a flat surface.
- 3) Connect the wire leads as per the wiring diagrams below.
- 4) For optimal device performance, use shortest length of wire possible and avoid sharp or unnecessary bends.

Technical Data

Model	MA3115-277V-1R
Voltage	100-277V
MCOV	320V
Connection	Parallel
LV system-Type	TN-S,TT
Modes of protection	L-N,L-G,N-G
Frequency	50/60Hz
In	10kA(8/20 μ S)
Temperature	-40°C to 75°C
Humidity	5 to 95% (non condensing)
Connection	Figure A
Lead cross section	2.5sq mm
Fuse rating F2 (IEC)	50A type gG

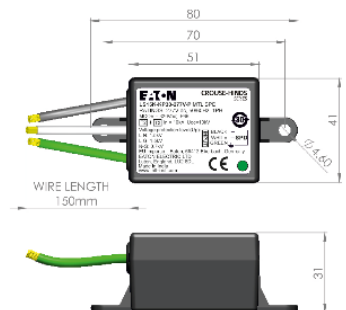
Wiring Diagrams

PARALLEL CONNECTED SPDs: Units designed to be connected in parallel with the equipment for protection of the modes as listed in the table above. Refer to the connection diagrams to ensure that the SPD you have chosen is appropriate for the application it is being installed into. These parallel versions have LED indication, if the LED is ON , the protection is present. If the LED is off, indicates a fault condition. Please check power supply / replace the SPD.



Dimensions

(Units in mm)



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