

# Single Module 2 Pole Surge Protection Device SPD-SM1PNEC2 Datasheet

## CONSTRUCTION AND FEATURES:

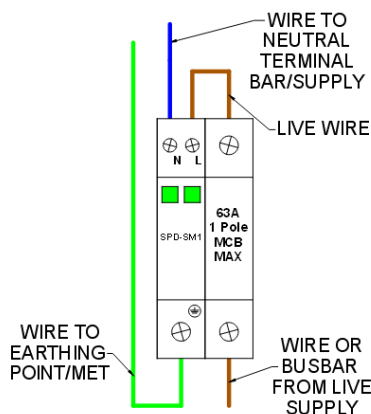
- Compact design with no compromise on Type 2 surge protection performance
- Space saving, single module only
- Ideal for domestic installations
- Suitable for TN-C-S, TN-S and TT earthing
- Low let through voltage offers protection of sensitive equipment
- High arresting capacity
- DIN rail mounting
- Visual protection status indicator
- Replaceable modules available
- 18th Edition compliant

## TECHNICAL DATA:

- Arresting capacity
  - 40kA maximum discharge current 8/20 $\mu$ s waveform ( $I_{max}$ )
  - 20kA nominal discharge current 8/20 $\mu$ s waveform ( $I_n$ )
- Voltage protection level ( $U_p$ )
  - <1.3kV (L-N)
  - <1.5kV (N-PE)
- Response time <25ns (L-N), <100ns (N-PE)
- Maximum continuous voltage AC ( $U_c$ ) 275V
- Maximum back-up fuse 125A
- Temperature range -40°C to +80°C
- Conductor cross section 1.5mm<sup>2</sup> to 10mm<sup>2</sup> (solid/flexible)
- Degree of protection IP20
- Conforms to EN 61643-11



## WIRING DIAGRAM:



## DIMENSIONAL SKETCH:

