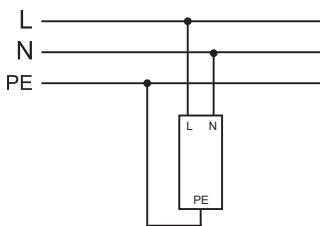


## Data Sheet / Installation Notes

### CUSPD10

#### SP&N Surge Arrester - T2/3 for TNS, TN-C-S, TT & PME Systems



#### TECHNICAL SPECIFICATIONS

|  |                  |   |
|--|------------------|---|
| Classification according to BS EN 61643-11 |                  | Type 2/3  |
| Classification according to IEC 61643-1    |                  | Class II/III                                      |
| Maximum continuous operating voltage       | Uc               | 275 V   |
| Maximum discharge current                  | I <sub>max</sub> | L-N 10kA<br>N-PE 20kA                             |
| Nominal discharge current                  | I <sub>n</sub>   | L-N 5kA<br>N-PE 10kA                              |
| Voltage protection level at 3kA (8/20μs)   | U <sub>p</sub>   | ≤ 1.5kV   |
| Voltage protection level at 5kA            | U <sub>p</sub>   | ≤ 1.0kV   |
| Response time                              | t <sub>A</sub>   | ≤ 25ns  |
| Recommended backup device                  |                  | 16-32A  |
| Installation cable length                  |                  | < 1 metre as described in 534.4.8 of BS 7671:2018 |
| Three way visual indication of status      |                  | Green - OK<br>Red - Replace Module                |
| Tightening torque                          |                  | PE - 2.5Nm<br>L-N - 1.2Nm                         |
| Operating temperature                      |                  | -40°C to +80°C                                    |
| Mounting on                                |                  | 35mm DIN rail                                     |

#### CABLE SIZES

|                |                                       |
|----------------|---------------------------------------|
| PE / EARTH     | 6mm <sup>2</sup> Min.                 |
| Live / Neutral | 2.5mm <sup>2</sup> - 4mm <sup>2</sup> |

SPD has no earth leakage therefore can be connected after RCD's or RCBO's.