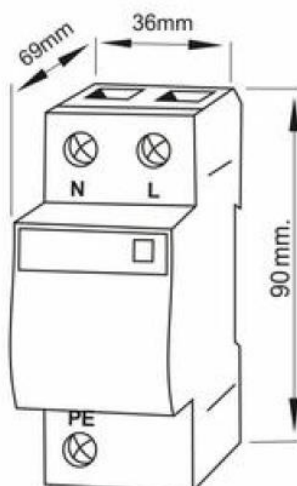


# SURGE PROTECTION SA 2P 15



## General Information

|  |                      |
|--|----------------------|
| Internal configuration                   | 2P                   |
| No. poles                                | 2                    |
| No. DIN rail modules                     | 2                    |
| Installation                             | (L-N-PE); (L1-L2-PE) |
| Format                                   | Monobloc             |
| Certifications                           | CE                   |
| Designation according to EN 61643-11     | Type 2               |
| Designation according to IEC 61643-11    | Class II             |
| Insulating material & flammability class | PC+GF; UL 94 V-0     |
| Temperature range                        | -40°C ... +80°C      |

## Technical Features

|   |                 |            |
|---|-----------------|------------|
| Supply Voltage                              | [V]             | 230 / 400  |
| Nominal voltage AC 50-60 Hz (L-N)           | $U_N$ [V]       | 230        |
| Maximum continuous operating voltage (L-PE) | $U_C$ [V]       | 275        |
| Maximum discharge current (8/20) (L-PE)     | $I_{max}$ [kA]  | 15         |
| Nominal discharge current (8/20) (L-PE)     | $I_n$ [kA]      | 5          |
| Voltage protection level (L-PE) at $I_n$    | $U_p$ [kV]      | $\geq 1,2$ |
| Maximum back-up fuse                        | A [gL]          | 63         |
| Short circuit withstand                     | $I_{scrr}$ [kA] | 10         |
| Response time (L-PE)                        | $t_A$ [ns]      | 25         |

# SURGE PROTECTION SA 2P 15

|                        |     |
|------------------------|-----|
| Remote indication      | No  |
| End of life indication | Yes |

## Wiring of connection circuit

|                                 |                    |    |
|---------------------------------|--------------------|----|
| Torque                          | [Nm]               | 4  |
| Rigid Flexible wire             | [mm]               | 10 |
| Min. rigid conductor section    | [mm <sup>2</sup> ] | 6  |
| Max. rigid conductor section    | [mm <sup>2</sup> ] | 35 |
| Flexible bare wire              | [mm]               | 10 |
| Min. flexible cable section     | [mm <sup>2</sup> ] | 6  |
| Max. flexible conductor section | [mm <sup>2</sup> ] | 25 |

## Wiring Diagram(s)

