

# BP-SPD20KV-5/S/II



## General Data

|                        |                          |
|------------------------|--------------------------|
| IEC SPD Type           | Class II + III           |
| EN SPD Type            | Type 2+3                 |
| Format                 | Screw connection         |
| Product standards      | IEC 61643-11;EN 61643-11 |
| Additional information | Class II luminaire       |

## Mechanical And Environmental Features

|                         |                           |
|-------------------------|---------------------------|
| Temperature range [°C]  | -40 ... 85                |
| Indication System Type  | LED                       |
| Insulating material     | PA66                      |
| Housing color           | RAL 9003                  |
| Enclosure - IP          | IP54                      |
| Flammability class      | UL94 V-0                  |
| Terminal connection     | Push in(in and out)       |
| Conductor cross section | 0.5... 1.5mm <sup>2</sup> |

## Dimensions And Weight

|                                       |                |
|---------------------------------------|----------------|
| Product Weight[g]                     | 52             |
| Packaging Dimensions (L X W X H) [mm] | 60.5*40.5*21.3 |

## Surge Protection Device (Spd)-iec Technical Features

|                                                          |         |
|----------------------------------------------------------|---------|
| Maximum continuous operating voltage (AC) - Uc (L-N) [V] | 320     |
| Nominal voltage AC 50-60 Hz - Un [V]                     | 230/400 |
| Nominal voltage AC 50-60 Hz - Un (L-N) [V]               | 230     |
| Nominal discharge current (8/20)- In (L-N) [kA]          | 10      |
| Max Discharge Current (8/20) - Imax (L-N) [kA]           | 20      |
| Rated current load - IL [A]                              | 5       |
| Voltage protection level at In - Up (L-N)[kV]            | 1.5     |
| Open circuit Voltage(L-N)[kV]                            | 20      |
| Short-circuit Current rating-Iscrr [A]                   | 300     |
| Response time - tA (L-N) [ns]                            | ≤25     |
| TOV Ut 5s (LV systems, withstand) [V]                    | 337     |
| TOV Ut 120min (HV systems, withstand) [V]                | 442     |
| Dynamic thermal disconnection                            | Yes     |

