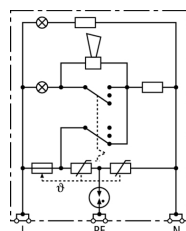


## DSA 230 LA (924 370)

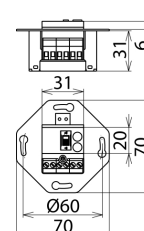
- For use in flush-type boxes and cable ducts
- Multiple indicator
- Programmable acoustic function



Figure without obligation



Basic circuit diagram DSA 230 LA



Dimension drawing DSA 230 LA

Surge protective device for use in cable ducts and flush-type boxes.

| Type   | DSA 230 LA   |
|--|--|
| Part No.   | 924 370  |
| SPD according to EN 61643-11 / IEC 61643-11  | type 3 / class III   |
| Nominal voltage (a.c.) ( $U_N$ )   | 230 V (50 / 60 Hz)   |
| Max. continuous operating voltage (a.c.) ( $U_C$ )   | 255 V (50 / 60 Hz)   |
| Nominal load current ( $I_L$ )   | 16 A   |
| Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )   | 3 kA   |
| Total discharge current (8/20 $\mu$ s) [L+N-PE] ( $I_{total}$ )                              | 5 kA   |
| Combination wave ( $U_{OC}$ )  | 6 kV   |
| Combination wave [L+N-PE] ( $U_{OC total}$ )   | 10 kV  |
| Voltage protection level [L-N] / [L/N-PE] ( $U_p$ )  | $\leq 1250$ / $\leq 1500$ V  |
| Response time [L-N] ( $t_A$ )  | $\leq 25$ ns   |
| Response time [L/N-PE] ( $t_A$ )   | $\leq 100$ ns  |
| Max. mains-side overcurrent protection   | B 16 A   |
| Short-circuit withstand capability for max. mains-side overcurrent protection ( $I_{SCCR}$ ) | 1 kA <sub>rms</sub>  |
| Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic                                 | 335 V / 5 sec. – withstand   |
| Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic                                 | 440 V / 120 min. – safe failure  |
| Temporary overvoltage (TOV) [L/N-PE] ( $U_T$ ) – Characteristic                              | 335 V / 120 min. – withstand   |
| Temporary overvoltage (TOV) [L/N-PE] ( $U_T$ ) – Characteristic                              | 440 V / 5 sec. – withstand   |
| Temporary overvoltage (TOV) [L+N-PE] ( $U_T$ ) – Characteristic                              | 1200 V + $U_{REF}$ / 200 ms – safe failure   |
| Fault indication   | red light + acoustic signal  |
| Operating state indication   | green light  |
| Number of ports  | 1  |
| Switch   | function test / acoustic signal off  |
| Operating temperature range ( $T_U$ )  | -25 °C ... +40 °C  |
| Cross-sectional area (min.)  | 0.5 mm <sup>2</sup> solid / stranded / flexible                                      |
| Cross-sectional area (max.)  | 2.5 mm <sup>2</sup> solid / stranded / flexible                                      |
| For mounting on  | retaining rings ( $\varnothing 60$ mm) for installation in switch boxes (40 mm deep) |
| Enclosure material   | thermoplastic, grey, UL 94 V-2   |
| Place of installation  | indoor installation  |
| Degree of protection   | IP 20  |
| Cover  | TAE  |
| Weight   | 71 g   |
| Customs tariff number  | 85363010   |
| GTIN   | 4013364081321  |
| PU   | 1 pc(s)  |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.