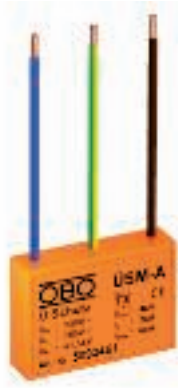


## Fine power protection for all installation systems



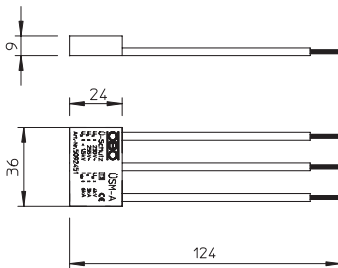
Surge protection module type 3 to DIN EN 61643-11 for 230 V power grids.

- With acoustic defect signal
- With low construction height
- Y circuit

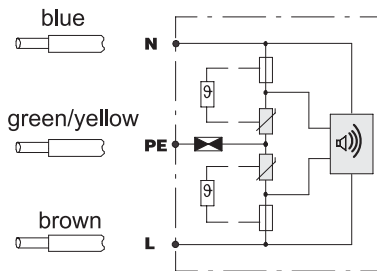
Application: Universally applicable for all installation systems.

| Type      | Signalling on device | Version                   | Pack. pcs | Weight kg/100 pcs. | Item No. |
|-----------|----------------------|---------------------------|-----------|--------------------|----------|
| ÜSM-A     | Audible              | Acoustic function display | 1         | 1,500              | 5092451  |
| ÜSM-A-150 | Audible              | Acoustic function display | 1         | 1,500              | 5092466  |

### Dimensions



### Connection options



#### ÜSM-A

|   |           |           |
|---|-----------|-----------|
| Nominal voltage V                           | $U_N$     | 230       |
| Max. continuous operating voltage V         | $U_c$     | 255       |
| SPD to EN 61643-11                          |           | Type 3    |
| SPD to IEC 61643-11                         |           | class III |
| Lightning protection zone LPZ               |           | 2-3       |
| Nominal discharge current (8/20) kA         | $I_n$     | 3         |
| Protection level (L-N) kV                   |           | < 1,3     |
| Protection level (N-PE) kV                  |           | < 1,5     |
| Maximum back-up fuse A                      |           | 16        |
| Response time ns                            | $t_A$     | < 25      |
| Temperature range °C                        | $\theta$  | -15-60    |
| Maximum discharge current (8/20 $\mu$ s) kA | $I_{max}$ | 6         |
| Rated current A                             | $I_L$     | 16        |

#### ÜSM-A-150

|   |           |           |
|---|-----------|-----------|
| Nominal voltage V                           | $U_N$     | 150       |
| Max. continuous operating voltage V         | $U_c$     | 170       |
| SPD to EN 61643-11                          |           | Type 3    |
| SPD to IEC 61643-11                         |           | class III |
| Lightning protection zone LPZ               |           | 2-3       |
| Nominal discharge current (8/20) kA         | $I_n$     | 3         |
| Protection level (L-N) kV                   |           | < 1,3     |
| Protection level (N-PE) kV                  |           | < 1,5     |
| Maximum back-up fuse A                      |           | 16        |
| Response time ns                            | $t_A$     | < 25      |
| Temperature range °C                        | $\theta$  | -15-60    |
| Maximum discharge current (8/20 $\mu$ s) kA | $I_{max}$ | 6         |
| Rated current A                             | $I_L$     | 16        |