

# Technical data sheet

## Surge protection for LED systems 230V

Item no. 5092480



Surge protection module type 2+3 to DIN EN 61643-11 for 230/400 V power grids. Appropriate for the protection of LED lighting.

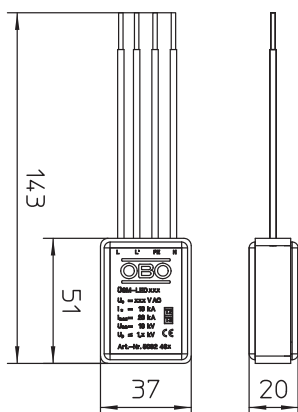
- With visual function display
- Small size for the installation in the pole or in the LED lamp head
- 1+NPE protective circuit with a maximum discharge capacity of 20 kA
- Surge limitation under 1,300 V or 1,000 V @ 5 kA
- Available with or without cut-off function of the lamp in case of malfunction

Application: Universally deployable in all lighting systems

To protect electronic devices such as LED luminaires against surge voltages



### Dimensions



### Master data

Item no.	5092480
Type	ÜSM-LED 230
Description 1	Surge protective Modul
Description 2	for LED lamps
Dimension	230V
Smallest sales unit (VG)	1 Piece
Weight	3,50 kg/100 pc.

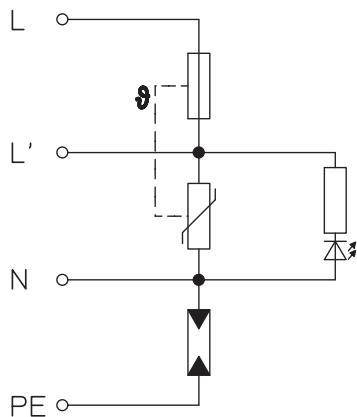
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SPD to EN 61643-11	Type 2+3
SPD to IEC 61643-11	Class II+III
Test class, type 2	<input checked="" type="checkbox"/>
Test class, type 3	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	255,00 V
Max. continuous operating voltage	255,00 V
Maximum continuous voltage (L-N)	255,00 V
Maximum continuous voltage (N-PE)	255,00 V
Nominal discharge current (8/20)	10 kA
Nominal discharge current (8/20 µs) [L-N]	10,00 kA
Nominal discharge current (8/20 µs) [N-PE]	10,00 kA
Rated current	16,00 A
Maximum discharge current (8/20 µs)	20,00 kA
Maximum discharge current (8/20 µs) [L-N]	20,00 kA
Maximum discharge current (8/20 µs) [N-PE]	20,00 kA
Arrester surge current (8/20) [total]	20,00 kA
Protection level	1,3 kV
Protection level [L-N]	1,30 kV
Protection level (L-N)	1,3 kV
Response time	< 25 ns
Maximum back-up fuse	16,00 A
Operating temperature range	-40+80 °C
Temperature range	-15+60 °C
Pole version	1+N/PE
Version	1+NPE
Version	1 + NPE
Mounting type	Other
Installation type	Other
Protection rating	IP20
Protection rating	IP20
Size	Other
Division unit TE (17.5 mm)	Other
Telecommunications contact	<input type="checkbox"/>
Integrated back-up fuse	<input type="checkbox"/>
Signalling on device	Visual