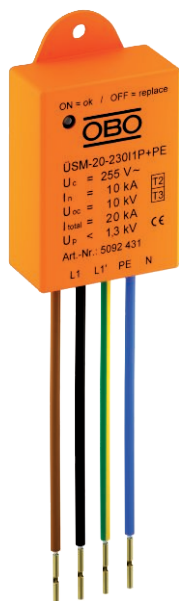


Technical data sheet

Surge protection for LED systems ÜSM-20-230I1P+PE

Item no. 5092431



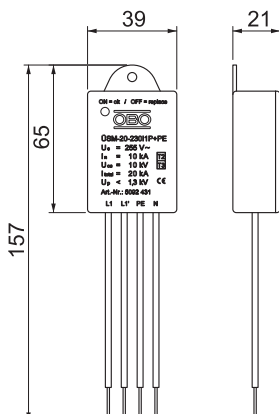
Surge protection module type 2+3 to DIN EN 61643-11 for 230/400 V power grids. Appropriate for the protection of LED lighting.

- With function display and switch-off of the load circuit when an SPD fails
- Small size for the installation in the pole connection box or upstream of the LED driver
- 1+NPE protective circuit with a maximum discharge capacity of 20 kA
- Reduction of overvoltage to under 1,300 V or 1,000 V @ 5 kA
- With or without luminaire switch-off in case of defect

Application: In the cable transition box, junction boxes, cable duct to underfloor systems
To protect electronic devices such as LED luminaires against surge voltages



Dimensions



Length	155,00 mm
Width	40,00 mm
Height	21,00 mm

Master data

Item no.	5092431
Type	ÜSM-20-230I1P+PE
Description 1	Surge protective Modul
Description 2	for LED lights with 1 phase
Dimension	230V
Smallest sales unit (VG)	1 Piece
Weight	4,10 kg/100 pc.

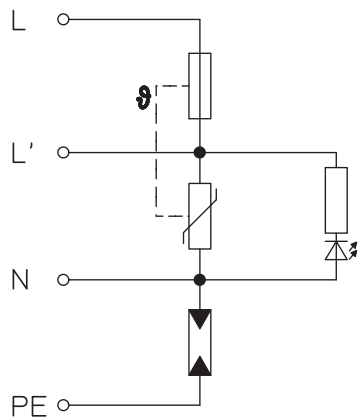
Technical data sheet

Surge protection for LED systems ÜSM-20-230I1P+PE



Item no. 5092431

Technical data



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]	10,00 kA
Maximum discharge current (8/20 µs) [N-PE]	10,00 kA
Arrester surge current (8/20) [total]	20,00 kA
Combined voltage protection level [L-PE]	1,50 kV
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
Pole version	1+N/PE
Version	1-pole + NPE for PC I
Version	1 + NPE
Protection rating	IP20
Signalling on device	Visual