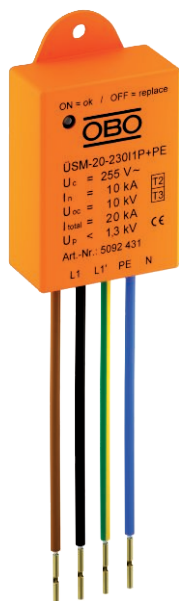


Technical data sheet

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.

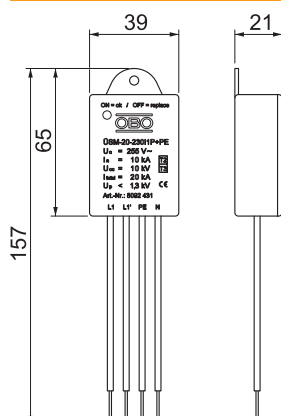
- With function display and switch-off of the load circuit when a SPD fails
- Small size for the installation in the pole connection box or upstream of the LED driver
- 1+NPE protective circuit with a maximum discharge capacity of 20 kA
- Reduction of overvoltage to under 1,300 V or 1,000 V @ 5 kA
-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

Application: In the cable transition box, junction boxes, cable duct to underfloor systems



Additional product text 2 | 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)	1,00 Piece
Weight	4,10 kg/100 pc.

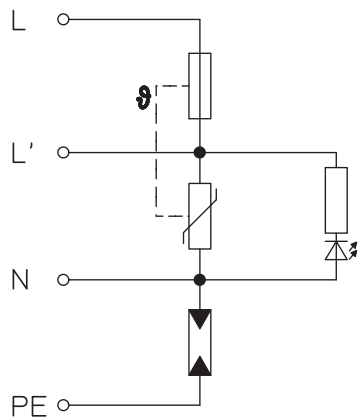
Technical data sheet

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
Arrestor 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