

Sistemi di protezione da sovratensioni e fulmini

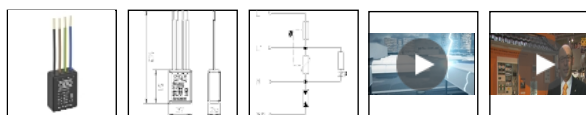
Surge protection for LED systems

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 1300 V or 1000 V @ 5 kA
- Available with or without cut-off function of the lamp in case of malfunction

Application: Universally deployable in all lighting systems



Type	Highest continuous voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.	Shopping list
ÜSM-LED 230	255	1 + NPE	1	3,500	5092480	
ÜSM-LED 440	440	1 + NPE	1	4,500	5092482	

Connection options

ÜSM-LED 230



Nominal voltage	UN	230
SPD to EN 61643-11		Type 2+3
SPD to IEC 61643-11		class II+III
Lightning protection zone LPZ		1-3
Nominal discharge current (8/20)	In	10
Arrestor surge current (8/20) [total]	ITotal 8/20	20
Maximum discharge current (8/20 µs)	Imax	20
Voltage protection level	Up	1
Response time	tA	
Maximum back-up fuse		16
Temperature range	θ	-15-60
Division unit TE (17.5 mm)		Other
Protection rating		IP20
Connecting cable length		0,092

ÜSM-LED 440

Nominal voltage	UN	440
SPD to EN 61643-11		Type 2+3
SPD to IEC 61643-11		class II+III
Lightning protection zone LPZ		1-3
Nominal discharge current (8/20)	In	10
Arrestor surge current (8/20) [total]	ITotal 8/20	20
Maximum discharge current (8/20 µs)	Imax	20
Voltage protection level	Up	2

Response time	tA	
Maximum back-up fuse		20
Temperature range	θ	-15-60
Division unit TE (17.5 mm)		Other
Protection rating		IP20
Connecting cable length		0,092

Technical information

Invitations to tender	Declaration of conformity	Technical documents	3D product data	Certificates
ÜSM-LED 230				
ÜSM-LED 440				

Additional information

Catalogue



Transient and lightning protection systems
33,4 MB, PDF

German  

Brochure



Lightning and surge protection for maximum safety
8 MB, PDF

German  

Catalogue



TBS_Main catalogue_3-column
4,4 MB, PDF

German  

Guide



Guide: Lightning and surge protection for LED lighting
2,3 MB, PDF

German  

