

SPD 20 275 G2

SPD G2 | Surge protection device



Product family features

- High surge protection for all lighting applications
- Failure indication LED
- Mains voltage up to 275 V
- Voltage protection level for connected LED driver <2 kV
- Push-in terminal

Product family benefits

- Low maintenance effort
- Suitable for luminaires of protection class I/II
- Several protection level options for different applications
- Securing uptime of your outdoor lighting installation from overvoltage pulses
- Fully compliant with IEC 61643-11

Areas of application

- Street and urban lighting
- Industry lighting
- Outdoor applications

Technical data

Electrical data

Suitable for power grids	TN
Surge protection voltage(L/N-Ground)	15 kV
Surge protection voltage(L-N)	20 kV
Nominal discharge current (L-N)	10 kA
Nominal discharge current (L/N-Ground)	7.5 kA
Max. voltage protection level (Up, L-N)	1,5 kV
Max. voltage protection level (Up, L/N-Ground)	2 kV
Power losses (% of total system power)	0,1 %
Surge withstand capability	20kA(L-N) / 15kA(L-N,Ground) / 10kA(L-N) / 7.5kA(L-N,Ground) / 5kA(L-N) / 5kA(L-N,Ground) ¹⁾
End of life indication (by LED light)	YES
Over current protection	15 A
Open-circuit voltage	20 kV

¹⁾ 1strike / 20strike / 30strike / 50strike

Dimensions & weight



Product weight	6600 g
Wire preparation length, output side	8...10 mm
Wire preparation length, input side	8...10 mm
Cable cross-section, output side	3*1 mm ² ¹⁾
Cable cross-section, input side	3*1 mm ² ¹⁾
Length	615 mm
Width	375 mm
Height	330 mm

¹⁾ Solid and stranded

Product datasheet

Logistical data

Commodity code	85044083900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	23-12-2021
Primary Article Identifier	4062172145466
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	858126b5-3f36-49e4-a783-fb2acb302ac6

Download Data

File	
	User instruction Surge Protection Device
	Certificates SPD P5 G2 CE 4212590 251023
	Certificates Surge Protective Device
	Declarations of conformity SPD 275 P5 G2 UK DoC 4291498 250221

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172145466	SPD 20 275 G2	Shipping carton box 60	395 mm x 307 mm x 108 mm	13.10 dm ³	5318.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.