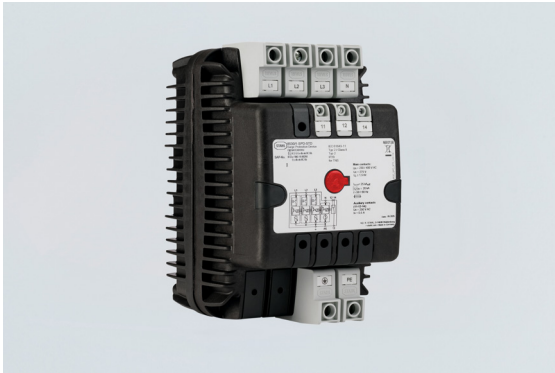




- Surge arrester according to IEC EN 61643-11
- Combination surge arrester types 1 + 2 + 3 based on spark gap
- Type 2 surge arrester which does not require an external back-up fuse
- Fault message contact (1 change-over contact) signals if replacement is required
- Maintenance-free
- Can be integrated into the 8530 platform
- Modular design means that your system is easy to replace or expand
- Stub or V-shaped wiring possible depending on requirements
- Type 2 surge arrester equipped with "advanced circuit interruption" (ACI)

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MY R. STAHL 8530G



R. STAHL's Series 8530/1-SPD surge arresters integrate into the innovative 8530 range as another highlight ensuring even greater safety in hazardous areas. In addition to a combination surge arrester which contains type 1, type 2 and type 3, a type 2-only surge arrester is also available. Both variants are completely maintenance-free, offering even greater system reliability in hazardous areas. If a replacement is required, the unit signals this via a built-in fault message contact.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

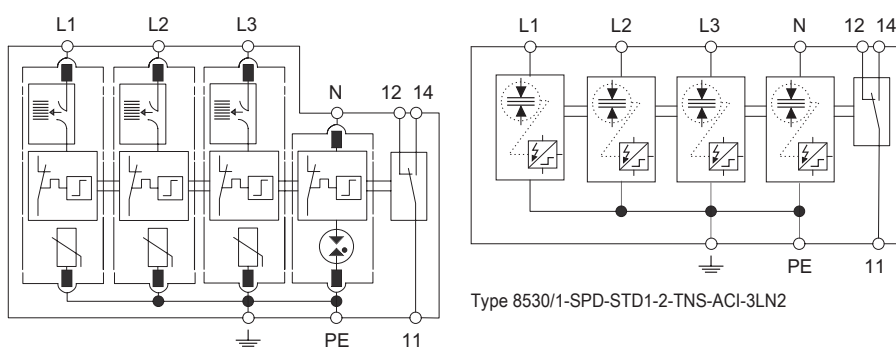
Selection Table					
Product description		SPD Surge protection			
Max. continuous voltage	Lighting impulse current	Max. protection level	Arrester type	Art. No.	Weight
255 V	25 kA	1.9 kV	1+2+3	340054	1.6 kg
275 V	20 kA	1.6 kV	2	340055	1.6 kg

Technical Data		
Variant	8530/1-SPD-STD1-2-TNS-ACI-3LN2-275-FM-4	8530/1-SPD-STD1-C-TNS-250-3LN2-255-FM-4
Explosion Protection		
IECEx gas explosion protection	Ex db eb IIC Gb	Ex db eb IIC Gb
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC Gb	Ex II 2 G Ex db eb IIC Gb
Certificates	ATEX (FM), IECEx (FM)	ATEX (FM), IECEx (FM)
Electrical Data		
Type of voltage	AC	AC
Nominal voltage AC	230 V / 400 V	230 V / 400 V
Max. leakage current		100 kA
Network shape	TNS	TNS
Short-circuit strength	25 kA _{ref}	50 kA _{ref}
No. of poles	3 P + N + 2xPE	3 P + N + 2xPE
Frequency	50 / 60 Hz	50 / 60 Hz
Device Specific Data		
Back-up fuse		max. 250 A gG
Max. back-up fuse (spur wiring)		250 A gG

Technical Data

Variant	8530/1-SPD-STD1-2-TNS-ACI-3LN2-275-FM-4	8530/1-SPD-STD1-C-TNS-250-3LN2-255-FM-4
Ambient Conditions		
Service temperature °C	-40 °C ... 80 °C	-40 °C ... 80 °C
Mechanical Data		
Degree of protection IP (IEC 60529)	IP20	IP20
Enclosure material	Thermoplast	Thermoplast

Technical Drawings – Subject to Alterations



Accessories

Figure	Description	Art. No.	Weight
Fastening set			
	A fastening set for fastening the component on the mounting plate without a DIN rail	276618	55 g

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

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