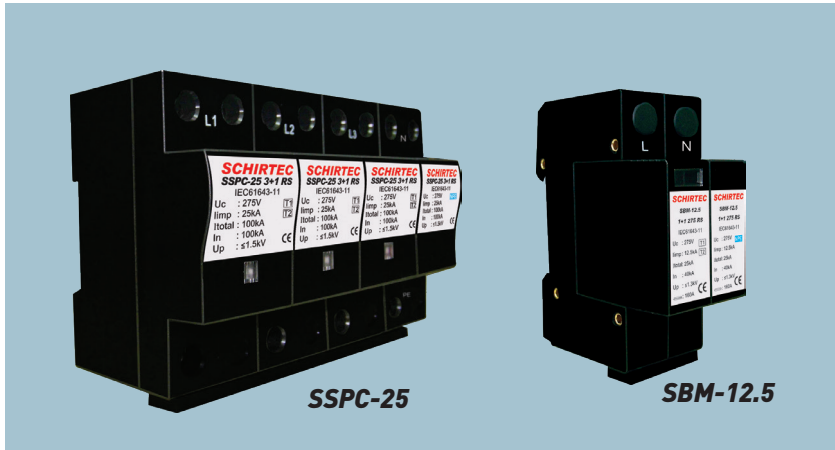




surge
protection

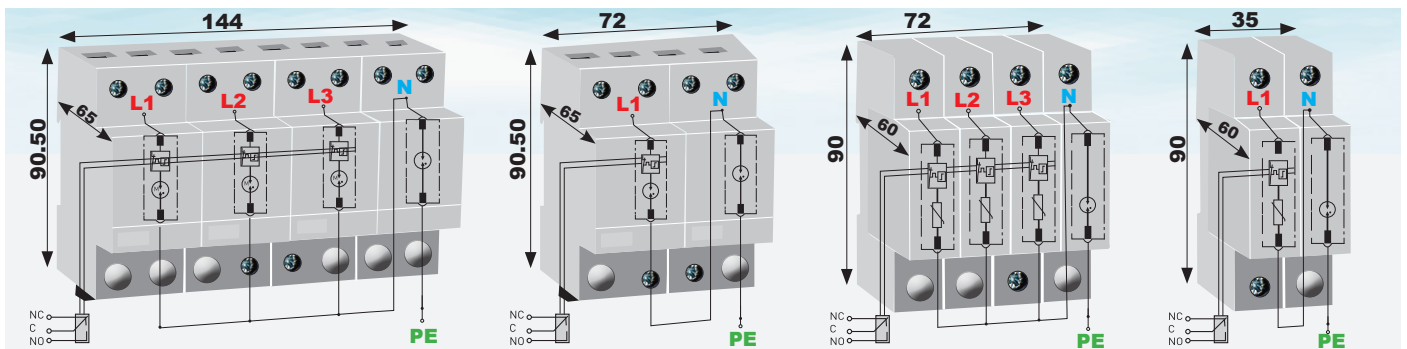
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SSPC-25 3+1 / 1+1 SBM-12.5 3+1/1+1

Type 1+2 Surge Arrester
TT

- Status indication
- SB-25 uses gas discharge tube technology
- SB-25V uses varistor technology at phases and gas discharge tube technology at neutral
- Optional Remote Signal



- SSPC-25 3+1/1+1 should be used at TT and TN-S systems
- SSPC-25V 3+1/1+1 should be used at TT and TN-S systems

		SSPC -25 3+1	SSPC -25 1+1	SBM-12.5 3+1	SBM-12.5 1+1
SPD classification according to EN61643-11		Type 1 Type 2	Type 1 Type 2	Type 1 Type 2	Type 1 Type 2
Max. continuous operating a.c. voltage	Uc	275V	275V	275V	275V
Lightning Impulse current (10/350µs)	Iimp	25kA	25kA	12.5kA	12.5kA
Lightning Impulse current (10/350µs)	Itotal	100kA	50kA	50kA	25kA
Nominal discharge current (8/20µs)	In	25kA (L-N) 100kA(N-PE)	25kA (L-N) 50kA(N-PE)	20kA (L-N) 80kA(N-PE)	20kA (L-N) 40kA(NPE)
Voltage protection level	Up	≤1.5kV	≤1.5kV	≤1.5kV	≤1.3kV
Follow current extinguishing capability a.c.	I _{fi}	10kArms/100Arms	10kArms/100Arms	10kArms/100Arms	10kArms/100Arms
Max. backup fuse		250A gL/gG	250A gL/gG	160A gL/gG	160A gL/gG
Response time	t _A	≤100ns	≤100ns	≤100ns	≤100ns
Operating temperature range	T _u	-40°C +80°C	-40°C +80°C	-40°C +80°C	-40°C +80°C
Cross-sectional area (Min.)		10mm ²	10mm ²	10mm ²	10mm ²
Cross-sectional area (Max.)		35mm ²	35mm ²	35mm ²	35mm ²
For mounting on		35mm Din rail			
Enclosure material		Thermalplastic UL94-V0			
Degree of protection		IP20			