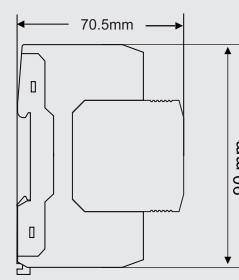
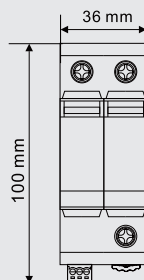
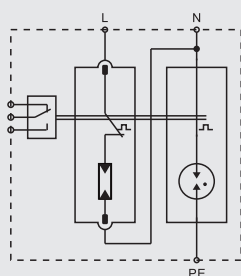
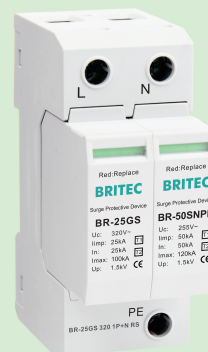


BR-25GS 1P+N

Type 1+2 Surge Arrester



BR-25GS 1P+N surge arrester is suitable for TT and TN-S system.

		BR-25GS 150 1P+N	BR-25GS 275 1P+N	BR-25GS 320 1P+N
SPD classification according to EN61643-11		Type 1 + Type 2	Type 1 + Type 2	Type 1 + Type 2
SPD classification according to IEC61643-11		Class I + Class II	Class I + Class II	Class I + Class II
Nominal operating a.c. voltage	Un	120/240V(50/60Hz)	230/400V(50/60Hz)	240/415V(50/60Hz)
Max. continuous operating a.c. voltage	Uc (L-N/N-PE)	150V/255V	275V/255V	320V/255V
Lightning impulse current (10/350μs)	Iimp (L-N/N-PE)	25kA/50kA	25kA/50kA	25kA/50kA
Nominal discharge current (8/20μs)	In (L-N/N-PE)	25kA/50kA	25kA/50kA	25kA/50kA
Maximum discharge current (8/20μs)	I _{max} (L-N/N-PE)	100kA/120kA	100kA/120kA	100kA/120kA
Quantity of electrical charge	Q (L-N/N-PE)	12.5As/50As	12.5As/50As	12.5As/50As
Specific energy	W/R (L-N/N-PE)	156kJ/Ω/625kJ/Ω	156kJ/Ω/625kJ/Ω	156kJ/Ω/625kJ/Ω
Voltage protection level	Up (L-N/N-PE)	≤1.5kV/≤1.5kV	≤1.5kV/≤1.5kV	≤1.5kV/≤1.5kV
Max. backup fuse		200A gG	200A gG	200A gG
Short-circuit current rating	I _{SCCR} (L-N/N-PE)	25kA	25kA	25kA
Follow current extinguishing capability a.c.	I _{fi} (L-N/N-PE)	25kA/100A	25kA/100A	25kA/100A
Temporary overvoltage TOV-withstand	U _T (L-N)	230V/120min.	440V/120min.	580V/120min.
Temporary overvoltage TOV-withstand	U _T (N-PE)	1200V/200ms	1200V/200ms	1200V/200ms
Response time	t _A	≤ 100ns	≤ 100ns	≤ 100ns
Leakage current	I _{PE}	< 0.1mA	< 0.1mA	< 0.1mA
Operating temperature range	T _u	-40°C/+85°C	-40°C/+85°C	-40°C/+85°C
Operating state/fault indication		green/red	green/red	green/red
Cross-section area (Min.)		4 mm ²	4 mm ²	4 mm ²
Cross-section area (Max.)		35 mm ²	35 mm ²	35 mm ²
For mounting on		35mm Din rail	35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0	Thermoplastic UL94-V0	Thermoplastic UL94-V0
Degree of protection		IP20	IP20	IP20
Order Code		B17060	B17073	B17098
Order code (With remote signal)		B17061	B17074	B17099
Suffixes: Add Suffix "RS" for dry contact remote signaling version. Example: BR-25GS 275 1P+N RS				