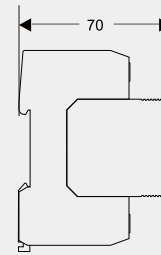
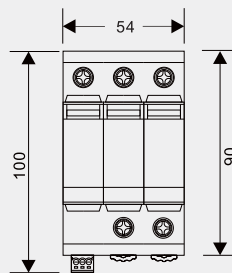
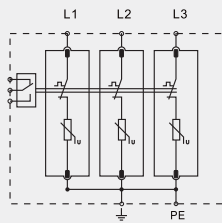
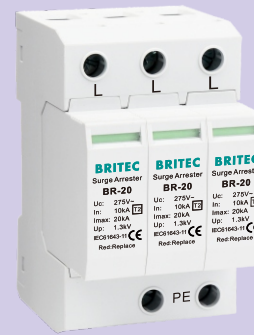


## BR-20 3P

### Type 2 Surge Arrester

- \* Thermal stability 100A without additional protection
- \* Patented fast tripping mechanism



■ BR-20 3 pole surge arrester is suitable for TN-C system.

	BR-20 150 3P	BR-20 275 3P	BR-20 320 3P	BR-20 385 3P	BR-20 440 3P
SPD classification according to EN61643-11	Type 2	Type 2	Type 2	Type 2	Type 2
SPD classification according to IEC61643-11	Class II	Class II	Class II	Class II	Class II
Max. continuous operating a.c. voltage	Uc	150V	275V	320V	440V
Nominal discharge current (8/20µs)	In	10kA	10kA	10kA	10kA
Max. discharge current (8/20µs)	I <sub>max</sub>	20kA	20kA	20kA	20kA
Voltage protection level	Up	≤0.8kV	≤1.3kV	≤1.5kV	≤1.8kV
Voltage protection level 5kA	Up	≤0.6kV	≤1kV	≤1.2kV	≤1.4kV
Max. backup fuse		63A gG	63A gG	63A gG	63A gG
Short-circuit withstand capacity	I <sub>SCCR</sub>	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	U <sub>T</sub>	175V/5sec.	335V/5sec.	335V/5sec.	580V/5sec.
Temporary overvoltage TOV-safe failure	U <sub>T</sub>	230V/120min.	440V/120min.	440V/120min.	765V/120min.
Response time	t <sub>A</sub>	≤25ns	≤25ns	≤25ns	≤25ns
Operating temperature range	T <sub>u</sub>	-40°C-80°C	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication		green/red	green/red	green/red	green/red
Cross-section area (Min.)		4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on	35mm Din rail				
Enclosure material	Thermoplastic UL94-V0				
Degree of protection	IP20	IP20	IP20	IP20	IP20
Order Code	B18711	B18713	B18715	B18717	B18719
Order Code (With remote signaling)	B18712	B18714	B18716	B18718	B18720