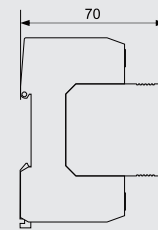
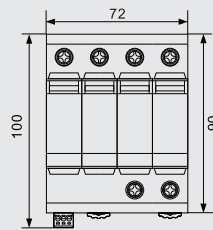
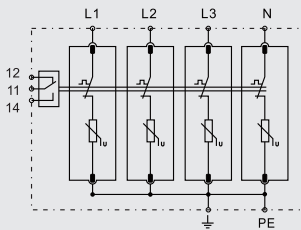
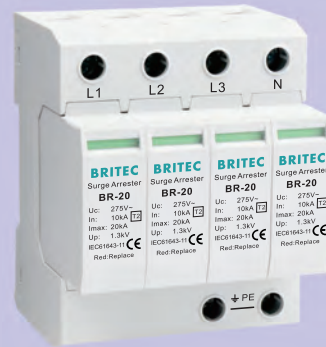


BR-20 4P

Type 2 Surge Arrester



■ BR-20 4 pole surge arrester is suitable for TN-S system.

	BR-20 150 4P	BR-20 275 4P	BR-20 320 4P	BR-20 385 4P	BR-20 440 4P	
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	U _c	150V	275V	320V	385V	440V
Nominal discharge current (8/20μs)	I _n	10kA	10kA	10kA	10kA	10kA
Max. discharge current (8/20μs)	I _{max}	20kA	20kA	20kA	20kA	20kA
Voltage protection level	U _p	≤0.8kV	≤1.3kV	≤1.5kV	≤1.8kV	≤2.0kV
Voltage protection level 5kA	U _p	≤0.6kV	≤1kV	≤1.2kV	≤1.3kV	≤1.5kV
Max. backup fuse		63A gG	63A gG	63A gG	63A gG	63A gG
Short-circuit withstand capacity	I _{SCCR}	25kA	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	U _T	180V/5sec.	335V/5sec.	400V/5sec.	500V/5sec.	580V/5sec.
Temporary overvoltage TOV-safe failure	U _T	230V/120min.	440V/120min.	520V/120min.	650V/120min.	765V/120min.
Leakage current	I _{PE}	<0.5mA	<0.5mA	<0.5mA	<0.5mA	<0.5mA
Response time	t _A	≤25ns	≤25ns	≤25ns	≤25ns	≤25ns
Operating temperature range	T _u	-40°C-80°C	-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	green/red
Cross-section area (Min.)		4 mm ²	4 mm ²	4 mm ²	4 mm ²	4 mm ²
Cross-section area (Max.)		35mm ²	35mm ²	35mm ²	35mm ²	35mm ²
For mounting on	35mm Din rail					
Enclosure material	Thermoplastic UL94-V0					
Degree of protection	IP20	IP20	IP20	IP20	IP20	
Order Code	B18701	B18703	B18705	B18707	B18709	
Order Code (With remote signaling)	B18702	B18704	B18706	B18708	B18710	