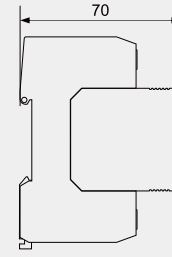
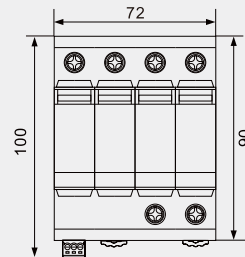
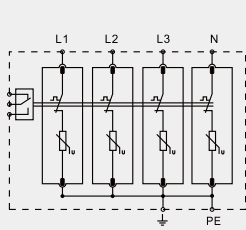
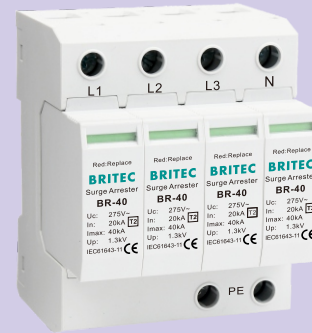


BR-40 4P

Type 2 Surge Arrester



■ BR-40 4 pole surge arrester is suitable for TN-S system.

	BR-40 150 4P	BR-40 275 4P	BR-40 320 4P	BR-40 385 4P	BR-40 440 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	Uc	150V	275V	320V	385V	440V
Nominal discharge current (8/20μs)	In	20kA	20kA	20kA	20kA	20kA
Max. discharge current (8/20μs)	Imax	40kA	40kA	40kA	40kA	40kA
Voltage protection level	Up	≤0.8kV	≤1.3kV	≤1.5kV	≤1.8kV	≤2.0kV
Voltage protection level 5kA	Up	≤0.6kV	≤1kV	≤1.2kV	≤1.4kV	≤1.6kV
Max. backup fuse		125A gG	125A gG	125A gG	125A gG	125A gG
Short-circuit withstand capacity	IscCR	25kA	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	UT	175V/5sec.	335V/5sec.	350V/5sec.	550V/5sec.	580V/5sec.
Temporary overvoltage TOV-safe failure	UT	250V/120min.	440V/120min.	550V/120min.	660V/120min.	770V/120min.
Leakage current	IPE	<0.1mA	<0.1mA	<0.1mA	<0.1mA	<0.1mA
Response time	tA	≤25ns	≤25ns	≤25ns	≤25ns	≤25ns
Operating temperature range	Tu	-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		B18401	B18403	B18405	B18407	B18409
Order Code (With remote signaling)		B18402	B18404	B18406	B18408	B18410