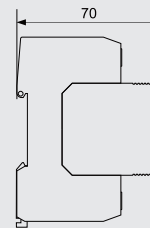
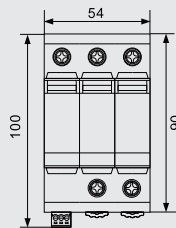
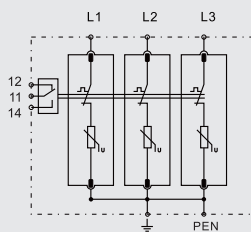
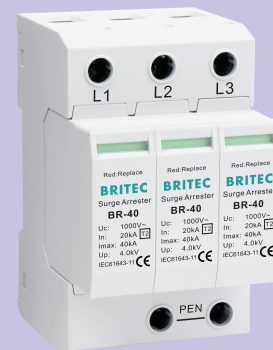


BR-40 3P 690/800/1000 Type 2 Surge Arrester



■ BR-40 3 pole surge arrester is suitable for TN-C system.

		BR-40 690 3P	BR-40 800 3P	BR-40 1000 3P
SPD classification according to EN61643-11		Type 2	Type 2	Type 2
SPD classification according to IEC61643-11		Class II	Class II	Class II
Max. continuous operating a.c. voltage	U _c	690V	800V	1000V
Nominal discharge current (8/20μs)	I _n	20kA	20kA	20kA
Max. discharge current (8/20μs)	I _{max}	40kA	40kA	40kA
Voltage protection level	U _p	≤3.2kV	≤3.6kV	≤4.0kV
Voltage protection level 5kA	U _p	≤2.3kV	≤2.8kV	≤3.3kV
Max. backup fuse		100A gG	100A gG	100A gG
Short-circuit withstand capacity	I _{SCCR}	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	U _T	800V/5sec.	1000V/5sec.	1100V/5sec.
Temporary overvoltage TOV-safe failure	U _T	1000V/120min.	1200V/120min.	1400V/120min.
Leakage current	I _{PE}	<0.5mA	<0.5mA	<0.5mA
Response time	t _A	≤25ns	≤25ns	≤25ns
Operating temperature range	T _u	-40°C-80°C	-40°C-80°C	-40°C-80°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.)		35mm ²	35mm ²	35mm ²
For mounting on		35mm Din rail		
Enclosure material		Thermoplastic UL94-V0		
Degree of protection		IP20	IP20	IP20
Order Code		B18034	B7955	B18050
Order Code (With remote signaling)		B18035	B7956	B18051