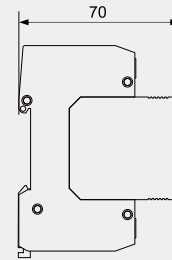
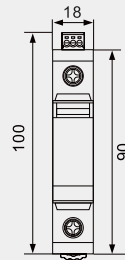
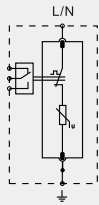


## BR-40 1P

### Type 2 Surge Arrester



■ BR-40 1P can be used to build 2P, 3P and 4P surge arresters.

	BR-40 690 1P	BR-40 1000 1P
SPD classification according to EN61643-11	Type 2	Type 2
SPD classification according to IEC61643-11	Class II	Class II
Max. continuous operating a.c. voltage	Uc	690V
Nominal discharge current (8/20μs)	In	20kA
Max. discharge current (8/20μs)	Imax	40kA
Voltage protection level	Up	≤2.0kV
Voltage protection level 5kA	Up	≤1.6kV
Max. backup fuse		125A gG
Short-circuit withstand capacity	ISCCR	25kA
Temporary overvoltage TOV-withstand	UT	880V/5sec.
Temporary overvoltage TOV-safe failure	UT	1100V/120min.
Leakage current	IPE	< 1mA
Response time	tA	≤25ns
Operating temperature range	Tu	-40°C-80°C
Operating state/fault indication		green/red
Cross-section area (Min.)		4 mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>
For mounting on	35mm Din rail	
Enclosure material	Thermoplastic UL94-V0	
Degree of protection	IP20	IP20
Order Code	B18030	B18046
Order Code (With remote signaling)	B18031	B18047