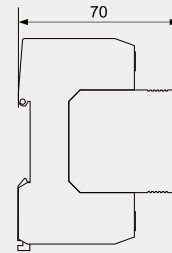
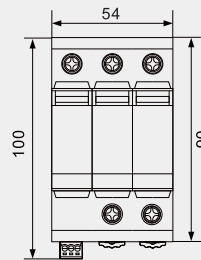
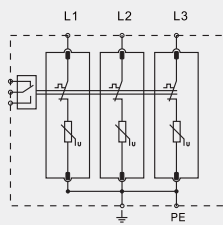


## BR-80 3P

### Type 2 Surge Arrester



■ BR-80 3 pole surge arrester is suitable for TN-C system.

	BR-80 150 3P	BR-80 275 3P	BR-80 320 3P	BR-80 385 3P
SPD classification according to EN61643-11	Type 2	Type 2	Type 2	Type 2
SPD classification according to IEC61643-11	Class II	Class II	Class II	Class II
Max. continuous operating a.c. voltage	Uc	150V	275V	320V
Nominal discharge current (8/20μs)	In	40kA	40kA	40kA
Max. discharge current (8/20μs)	Imax	80kA	80kA	80kA
Voltage protection level	Up	≤1.0kV	≤1.7kV	≤2.0kV
Voltage protection level 5kA	Up	≤0.5kV	≤0.9kV	≤1.1kV
Max. backup fuse		200A gG	200A gG	200A gG
Short-circuit withstand capacity	IscCR	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	UT	175V/5sec.	335V/5sec.	350V/5sec.
Temporary overvoltage TOV-safe failure	UT	250V/120min.	440V/120min.	550V/120min.
Leakage current	IPE	<1mA	<1mA	<1mA
Response time	tA	≤25ns	≤25ns	≤25ns
Operating temperature range	Tu	-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 <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>
For mounting on	35mm Din rail			
Enclosure material	Thermoplastic UL94-V0			
Degree of protection	IP20	IP20	IP20	IP20
Order Code	B18268	B18270	B18272	B18274
Order Code (With remote signaling)	B18269	B18271	B18273	B18275