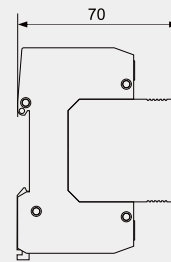
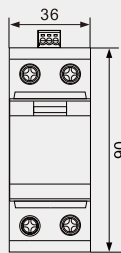
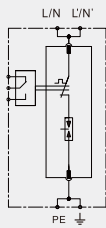


BR-25GR 1P

Type1 Surge Arrester



■ BR-25GR 1P can be used to build 2P, 3P and 4P surge arresters.

	BR-25GR 150 1P	BR-25GR 275 1P	BR-25GR 320 1P
SPD classification according to EN61643-11	Type 1 + Type 2	Type 1 + Type 2	Type 1 + Type 2
SPD classification according to IEC61643-11	Class I + Class II	Class I + Class II	Class I + Class II
Nominal operating voltage Un	120/240V (50/60Hz)	230/400V (50/60Hz)	250/440V(50/60Hz)
Max. continuous operating a.c. voltage Uc	150V (50/60Hz)	275V (50/60Hz)	320V (50/60Hz)
Lightning impulse current (10/350µs) Iimp	25kA	25kA	25kA
Nominal discharge current (8/20µs) In	25kA	25kA	25kA
Maximum discharge current (8/20µs) Imax	100kA	100kA	100kA
Quantity of electric charge Q	12.5As	12.5As	12.5As
Specific energy W/R	156kJ/Ω	156kJ/Ω	156kJ/Ω
Voltage protection level Up	≤2.3kV	≤2.3kV	≤2.3kV
Short-circuit current rating a.c. Isccr	25kA rms	25kA rms	25kA rms
Max. backup fuse	315A gG	315A gG	315A gG
Temporary overvoltage TOV-withstand UT	250V/120min.	440V/120min.	550V/120min.
Leakage current IPE	<0.1mA	<0.1mA	<0.1mA
Response time tA	≤100ns	≤100ns	≤100ns
Operating temperature range Tu	-40°C-80°C	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)	4mm ²	4mm ²	4mm ²
Cross-section area(Max.)	35mm ²	35mm ²	35mm ²
For mounting on	35mm Din rail	35mm Din rail	35mm Din rail
Enclosure material	Thermoplastic UL94-V0	Thermoplastic UL94-V0	Thermoplastic UL94-V0
Degree of protection	IP20	IP20	IP20
Order Code	B17126	B17139	B17152
Order Code (With remote signaling)	B17127	B17140	B17153