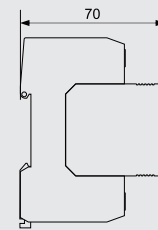
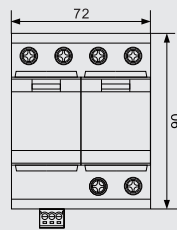
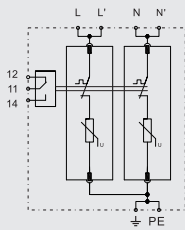


## BR-25M 2P

Type 1+Type 2+Type 3  
Surge Arrester



■ BR-25M 2P surge arrester is suitable for single phase TN system.

	BR-25M 150 2P	BR-25M 275 2P	BR-25M 320 2P
SPD classification according to EN61643-11	Type 1 + Type 2 + Type 3	Type 1 + Type 2 + Type 3	Type 1 + Type 2 + Type 3
SPD classification according to IEC61643-11	Class I + Class II + Class III	Class I + Class II + Class III	Class I + Class II + Class III
Nominal operating voltage	Un	120/240V (50/60Hz)	250/440V(50/60Hz)
Max. continuous operating a.c. voltage	Uc	150V (50/60Hz)	275V (50/60Hz)
Lightning impulse current (10/350µs)	Iimp	25kA	25kA
Total discharge current (10/350µs)	Itotal	50kA	50kA
Nominal discharge current (8/20µs)	In	25kA	25kA
Maximum discharge current (8/20µs)	I <sub>max</sub>	120kA	120kA
Combined impluse	Uoc	20kV	20kV
Quantity of electric charge	Q	12.5As	12.5As
Specific energy	W/R	156kJ/Ω	156kJ/Ω
Voltage protection level	Up	≤ 0.8kV	≤ 1.3kV
Short-circuit current rating a.c.	I <sub>SCCR</sub>	25kA rms	25kA rms
Max. backup fuse		200A gG	200A gG
Temporary overvoltage TOV-withstand	U <sub>T</sub>	180V/5sec.	335V/5sec.
Temporary overvoltage TOV-safe failure	U <sub>T</sub>	230V/120min.	440V/120min.
Leakage current	I <sub>PE</sub>	< 2mA	< 2mA
Response time	t <sub>A</sub>	≤ 25ns	≤ 25ns
Operating temperature range	T <sub>u</sub>	-40°C-80°C	-40°C-80°C
Operating state/fault indication		green/red	green/red
Cross-section area (Min.)		4mm <sup>2</sup>	4mm <sup>2</sup>
Cross-section area(Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0	Thermoplastic UL94-V0
Degree of protection		IP20	IP20
Order Code		B17204	B17217
Order Code (With remote signaling)		B17205	B17218