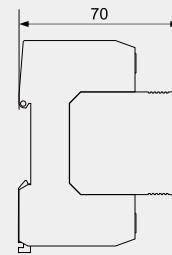
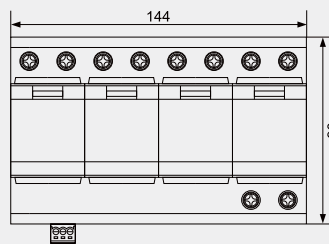
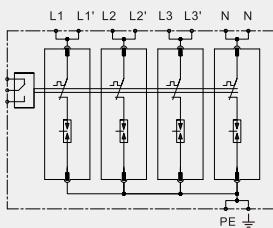
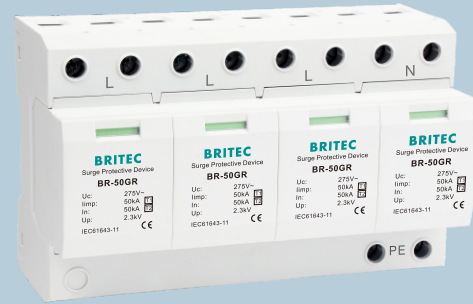


BR-50GR 4P Type1 Surge Arrester



BR-50GR 4P is suitable for TN-S system.

| | BR-50GR 150 4P | BR-50GR 275 4P | BR-50GR 320 4P |
|---|-----------------------|-----------------------|-----------------------|
| 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 | 50kA | 50kA | 50kA |
| Nominal discharge current (8/20µs) In | 50kA | 50kA | 50kA |
| Maximum discharge current (8/20µs) Imax | 200kA | 200kA | 200kA |
| Quantity of electric charge Q | 25As | 25As | 25As |
| Specific energy W/R | 625kJ/Ω | 625kJ/Ω | 625kJ/Ω |
| Voltage protection level Up | ≤2.3kV | ≤2.3kV | ≤2.3kV |
| Short-circuit current rating a.c. I _{SCCR} | 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 I _{PE} | <0.1mA | <0.1mA | <0.1mA |
| Response time t _A | ≤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 | B17158 | B18147 | B17184 |
| Order Code (With remote signaling) | B17159 | B18148 | B17185 |