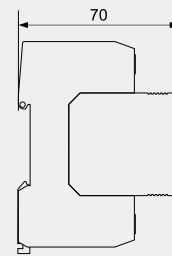
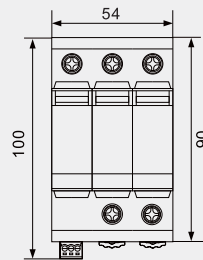
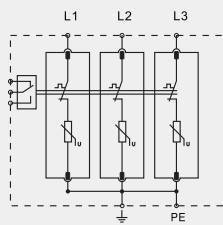
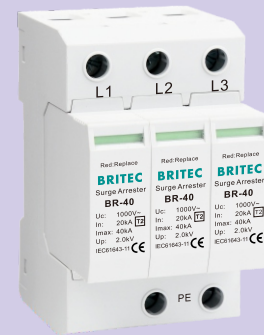


BR-40 3P

Type 2 Surge Arrester



■ BR-40 3 pole surge arrester is suitable for TN-C system.

| | | BR-40 690 3P | BR-40 1000 3P |
|---|-------------------|-----------------------|-------------------|
| 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 | 1000V |
| Nominal discharge current (8/20μs) | In | 20kA | 20kA |
| Max. discharge current (8/20μs) | I _{max} | 40kA | 40kA |
| Voltage protection level | Up | ≤2.0kV | ≤2.0kV |
| Voltage protection level 5kA | Up | ≤1.6kV | ≤1.6kV |
| Max. backup fuse | | 125A gG | 125A gG |
| Short-circuit withstand capacity | I _{SCCR} | 25kA | 25kA |
| Temporary overvoltage TOV-withstand | U _T | 880V/5sec. | 1300V/5sec. |
| Temporary overvoltage TOV-safe failure | U _T | 1100V/120min. | 1700V/120min. |
| Leakage current | I _{PE} | <1mA | <1mA |
| Response time | t _A | ≤25ns | ≤25ns |
| Operating temperature range | T _u | -40°C-80°C | -40°C-80°C |
| Operating state/fault indication | | green/red | green/red |
| Cross-section area (Min.) | | 4 mm ² | 4 mm ² |
| Cross-section area (Max.) | | 35mm ² | 35mm ² |
| For mounting on | | 35mm Din rail | |
| Enclosure material | | Thermoplastic UL94-V0 | |
| Degree of protection | | IP20 | IP20 |
| Order Code | | B18034 | B18050 |
| Order Code (With remote signaling) | | B18035 | B18051 |