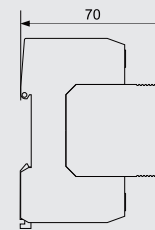
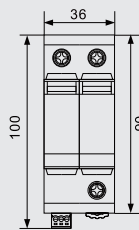
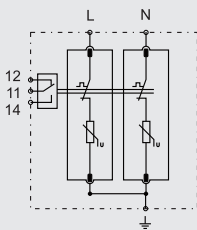
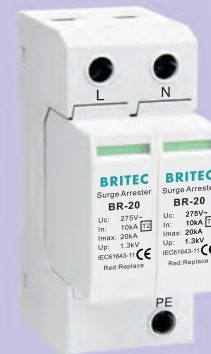


BR-20 2P

Type 2 Surge Arrester



■ BR-20 2 pole surge arrester is suitable for single phase TN system.

| | BR-20 150 2P | BR-20 275 2P | BR-20 320 2P | BR-20 385 2P | BR-20 440 2P | |
|---|-------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|
| SPD classification according to EN61643-11 | Type 2 | Type 2 | Type 2 | Type 2 | Type 2 | |
| SPD classification according to IEC61643-11 | Class II | Class II | Class II | Class II | Class II | |
| Max. continuous operating a.c. voltage | U _c | 150V | 275V | 320V | 385V | 440V |
| Nominal discharge current (8/20μs) | I _n | 10kA | 10kA | 10kA | 10kA | 10kA |
| Max. discharge current (8/20μs) | I _{max} | 20kA | 20kA | 20kA | 20kA | 20kA |
| Voltage protection level | U _p | ≤0.8kV | ≤1.3kV | ≤1.5kV | ≤1.8kV | ≤2.0kV |
| Voltage protection level 5kA | U _p | ≤0.6kV | ≤1kV | ≤1.2kV | ≤1.3kV | ≤1.5kV |
| Max. backup fuse | | 63A gG | 63A gG | 63A gG | 63A gG | 63A gG |
| Short-circuit withstand capacity | I _{SCCR} | 25kA | 25kA | 25kA | 25kA | 25kA |
| Temporary overvoltage TOV-withstand | U _T | 180V/5sec. | 335V/5sec. | 400V/5sec. | 500V/5sec. | 580V/5sec. |
| Temporary overvoltage TOV-safe failure | U _T | 230V/120min. | 440V/120min. | 520V/120min. | 650V/120min. | 765V/120min. |
| Leakage current | I _{PE} | <1mA | <1mA | <1mA | <1mA | <1mA |
| Response time | t _A | ≤25ns | ≤25ns | ≤25ns | ≤25ns | ≤25ns |
| Operating temperature range | T _u | -40°C-80°C | -40°C-80°C | -40°C-80°C | -40°C-80°C | -40°C-80°C |
| Operating state/fault indication | | green/red | green/red | green/red | green/red | green/red |
| Cross-section area (Min.) | | 4 mm ² | 4 mm ² | 4 mm ² | 4 mm ² | 4 mm ² |
| Cross-section area (Max.) | | 35mm ² | 35mm ² | 35mm ² | 35mm ² | 35mm ² |
| For mounting on | | 35mm Din rail | | | | |
| Enclosure material | | Thermoplastic UL94-V0 | | | | |
| Degree of protection | | IP20 | IP20 | IP20 | IP20 | IP20 |
| Order Code | | B18721 | B18723 | B18725 | B18727 | B18729 |
| Order Code (With remote signaling) | | B18722 | B18724 | B18726 | B18728 | B18730 |