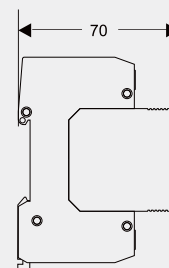
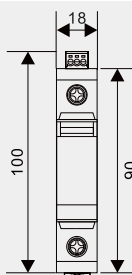
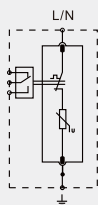


BR-60 1P

Type 2 Surge Arrester



■ BR-60 1P can be used to build 2P, 3P and 4P surge arresters.

| | | BR-60 150 1P | BR-60 275 1P | BR-60 320 1P | BR-60 385 1P |
|---|-------------------|-----------------------|-------------------|-------------------|-------------------|
| SPD classification according to EN61643-11 | | Type 2 | Type 2 | Type 2 | Type 2 |
| SPD classification according to IEC61643-11 | | Class II | Class II | Class II | Class II |
| Max. continuous operating a.c. voltage | Uc | 150V | 275V | 320V | 385V |
| Nominal discharge current (8/20µs) | In | 30kA | 30kA | 30kA | 30kA |
| Max. discharge current (8/20µs) | I _{max} | 60kA | 60kA | 60kA | 60kA |
| Voltage protection level | Up | ≤1.0kV | ≤1.6kV | ≤1.8kV | ≤2.2kV |
| Voltage protection level 5kA | Up | ≤0.5kV | ≤0.6kV | ≤1kV | ≤1.2kV |
| Max. backup fuse | | 160A gG | 160A gG | 160A gG | 160A gG |
| Short-circuit withstand capacity | I _{SCCR} | 25kA | 25kA | 25kA | 25kA |
| Temporary overvoltage TOV-withstand | U _T | 175V/5sec. | 335V/5sec. | 350V/5sec. | 550V/5sec. |
| Temporary overvoltage TOV-safe failure | U _T | 250V/120min. | 440V/120min. | 550V/120min. | 660V/120min. |
| Response time | t _A | ≤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 |
| Operating state/fault indication | | green/red | green/red | green/red | green/red |
| Cross-section area (Min.) | | 4 mm ² | 4 mm ² | 4 mm ² | 4 mm ² |
| Cross-section area (Max.) | | 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 |
| Order Code | | B18791 | B18793 | B18795 | B18797 |
| Order Code (With remote signaling) | | B18792 | B18794 | B18796 | B18798 |