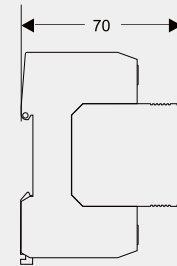
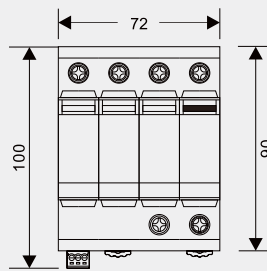
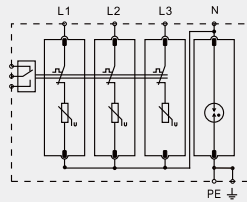
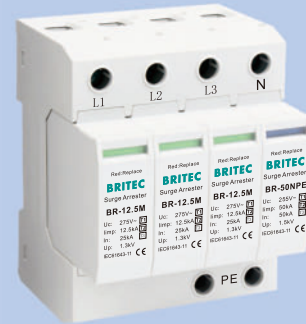


BR-12.5M 3+1

T1+T2+T3 Surge Arrester



BR-12.5M 3+1 surge arrester is suitable for TT and TN-S system

| | | | | BR-12.5M-275 3+1 |
|---|-------------------|--|--|---------------------------|
| SPD classification according to EN61643-11 | | | | Type 1+Type 2+Type 3 |
| SPD classification according to IEC61643-11 | | | | Class I+ClassII+Class III |
| Max. continuous operating a.c. voltage | Uc | | | 275V |
| Lightning impulse current (10/350µs) (L-N/N-PE) | Iimp | | | 12.5kA/50kA |
| Nominal discharge current (8/20µs) (L-N/N-PE) | In | | | 25kA/50kA |
| Max. discharge current (8/20µs) (L-N/N-PE) | I _{max} | | | 60kA/100kA |
| Combination wave (1.2/50µs) | Uoc | | | 6kV |
| Voltage protection level (L-N/N-PE) | Up | | | ≤1.3kV/≤1.5kV |
| Voltage protection level @Uoc | Up | | | <700V |
| Max. backup fuse | | | | 125A gG |
| Specific energy (L-N/N-PE) | W/R | | | 39kJ/Ω / 625 kJ/Ω |
| Short circuit withstand capacity | I _{scCR} | | | 25kA |
| Temporary overvoltage TOV-withstand (L-N) | U _T | | | 335V/5sec. |
| Temporary overvoltage TOV-safe failure (L-N) | U _T | | | 440V/120min. |
| Temporary overvoltage TOV-withstand (N-PE) | U _T | | | 1200V/200ms |
| Leakage current | I _{PE} | | | < 1mA |
| Response time (L-N/N-PE) | t _A | | | ≤25ns/≤100ns |
| Operating temperature range | T _U | | | -40°C-80°C |
| Operating state/fault indication | | | | green/red |
| Cross-section area (Min.) | | | | 4 mm ² |
| Cross-section area (Max.) | | | | 35mm ² |
| For mounting on | | | | 35mm Din rail |
| Enclosure material | | | | Thermoplastic UL94-V0 |
| Degree of protection | | | | IP20 |
| Order Code | | | | B18613 |
| Order Code (With remote signaling) | | | | B18614 |