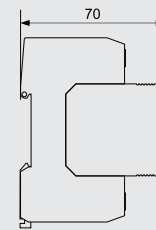
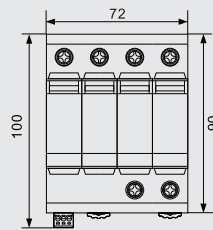
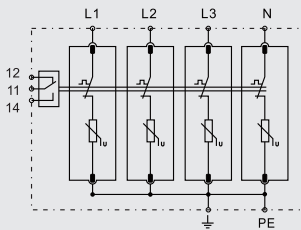
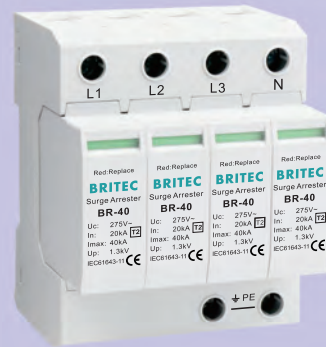


BR-40 4P

Type 2 Surge Arrester



BR-40 4 pole surge arrester is suitable for TN-S system.

| | BR-40 150 4P | BR-40 275 4P | BR-40 320 4P | BR-40 385 4P | BR-40 440 4P |
|---|-----------------------|-------------------|-------------------|-------------------|-------------------|
| 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 (8/20 μ s) I_n | 20kA | 20kA | 20kA | 20kA | 20kA |
| Max. discharge current (8/20 μ s) I_{max} | 40kA | 40kA | 40kA | 40kA | 40kA |
| Voltage protection level U_p | $\leq 0.8kV$ | $\leq 1.3kV$ | $\leq 1.5kV$ | $\leq 1.8kV$ | $\leq 2.0kV$ |
| Voltage protection level 5kA U_p | $\leq 0.6kV$ | $\leq 1kV$ | $\leq 1.2kV$ | $\leq 1.3kV$ | $\leq 1.5kV$ |
| Max. backup fuse | 100A gG | 100A gG | 100A gG | 100A gG | 100A 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} | <0.5mA | <0.5mA | <0.5mA | <0.5mA | <0.5mA |
| Response time t_A | $\leq 25ns$ | $\leq 25ns$ | $\leq 25ns$ | $\leq 25ns$ | $\leq 25ns$ |
| 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 | B18401 | B18403 | B18405 | B18407 | B18409 |
| Order Code (With remote signaling) | B18402 | B18404 | B18406 | B18408 | B18410 |