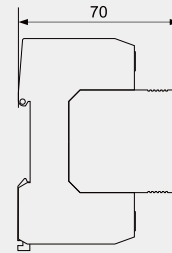
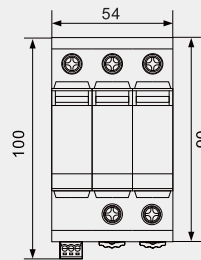
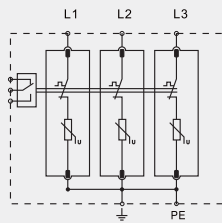


BR-80 3P

Type 2 Surge Arrester



■ BR-80 3 pole surge arrester is suitable for TN-C system.

| | BR-80 150 3P | BR-80 275 3P | BR-80 320 3P | BR-80 385 3P |
|---|-----------------------|-------------------|-------------------|-------------------|
| 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 |
| Nominal discharge current (8/20μs) | In | 40kA | 40kA | 40kA |
| Max. discharge current (8/20μs) | Imax | 80kA | 80kA | 80kA |
| Voltage protection level | Up | ≤1.0kV | ≤1.7kV | ≤2.0kV |
| Voltage protection level 5kA | Up | ≤0.5kV | ≤0.9kV | ≤1.1kV |
| Max. backup fuse | | 200A gG | 200A gG | 200A gG |
| Short-circuit withstand capacity | IscCR | 25kA | 25kA | 25kA |
| Temporary overvoltage TOV-withstand | UT | 175V/5sec. | 335V/5sec. | 350V/5sec. |
| Temporary overvoltage TOV-safe failure | UT | 250V/120min. | 440V/120min. | 550V/120min. |
| Leakage current | IPE | <0.1mA | <0.1mA | <0.1mA |
| Response time | tA | ≤25ns | ≤25ns | ≤25ns |
| Operating temperature range | Tu | -40°C-80°C | -40°C-80°C | -40°C-80°C |
| Operating state/fault indication | | green/red | green/red | green/red |
| Cross-section area (Min.) | | 4 mm ² | 4 mm ² | 4 mm ² |
| Cross-section area (Max.) | | 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 | B18268 | B18270 | B18272 | B18274 |
| Order Code (With remote signaling) | B18269 | B18271 | B18273 | B18275 |