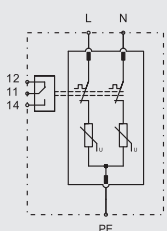
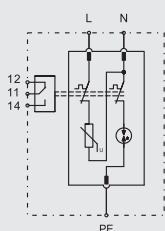


BR-40DP

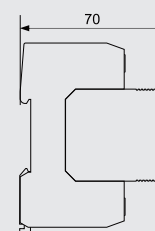
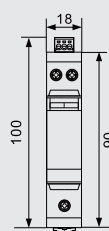
Type 2+3 Surge Arrester



BR-40DP 2P



BR-40DP 1+1



- Type 2+Type 3 surge arrester is installed between LPZ1 and LPZ2, it can provide type 3 protection for equipments which installed within 5 meters from these devices.

| | BR-40DP 275 2P | BR-40DP 320 2P | BR-40DP 275 1+1 | BR-40DP 320 1+1 | |
|---------------------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
| SPD classification according to EN61643-11 | Type 2+Type 3 | Type 2+Type 3 | Type 2+Type 3 | Type 2+Type 3 | |
| SPD classification according to IEC61643-11 | Class II+Class III | Class II+Class III | Class II+Class III | Class II+Class III | |
| Max. continuous operating a.c. voltage | Uc | 275V | 320V | 275V | 320V |
| Nominal discharge current (8/20μs) | In | 20kA | 20kA | 20kA | 20kA |
| Max. discharge current (8/20μs) | Imax | 40kA | 40kA | 40kA | 40kA |
| Voltage protection level | Up | ≤1.3kV | ≤1.5kV | ≤1.3kV/1.5kV | ≤1.5kV/1.5kV |
| Voltage protection level 5kA | Up | ≤1.0kV | ≤1.2kV | ≤1.0kV/1.5kV | ≤1.2kV/1.5kV |
| Combined impulse | Uoc | 10kV | 10kV | 10kV | 10kV |
| Max. backup fuse | | 100A gG | 100A gG | 100A gG | 100A gG |
| Short-circuit withstand capacity | ISCCR | 25kA | 25kA | 25kA | 25kA |
| Temporary overvoltage TOV-withstand | UT | 335V/5sec. | 400V/5sec. | 335V/5sec. | 400V/5sec. |
| Temporary overvoltage TOV-safe failure | UT | 440V/120min. | 520V/120min. | 440V/120min. | 520V/120min. |
| Leakage current | IPE | <1mA | <1mA | None | None |
| Response time | tA | ≤25ns | ≤25ns | ≤25ns/≤100ns | ≤25ns/≤100ns |
| Operating temperature range | Tu | -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.) | | 2.5 mm ² | 2.5 mm ² | 2.5 mm ² | 2.5 mm ² |
| Cross-section area (Max.) | | 16 mm ² | 16 mm ² | 16 mm ² | 16 mm ² |
| For mounting on | 35mm Din rail | | | | |
| Enclosure material | Thermoplastic UL94-V0 | | | | |
| Degree of protection | IP20 | IP20 | IP20 | IP20 | |
| Order Code | B18241 | B17252 | B18245 | B17256 | |
| Order Code (With remote signaling) | B18242 | B17253 | B18246 | B17257 | |