



■ Type2+Type3 surge arrester is installed between LPZ1 and LPZ2, it can provide type3 protection for equipments which installed within 5 meters from these devices.

| | | SDL-2+3 275 3+1 | SDL-2+3 275 3 | SDL-2+3 275 1+1 | SDL-2+3 275 1 |
|--|--------------------|-------------------------|--------------------|--------------------|--------------------|
| SPD classification according to EN61643-11 | | Type 2+3 | Type 2+3 | Type 2+3 | Type 2+3 |
| Max. continuous operating a.c. voltage | Uc | 275V | 275V | 275V | 275V |
| Normal discharge current (8/20µs) | In | 20kA | 20kA | 20kA | 20kA |
| Max. discharge current (8/20µs) | I _{max} | 40kA | 40kA | 40kA | 40kA |
| Total max. discharge current | I _{total} | 160kA | 120kA | 80kA | - |
| Voltage protection level | Up | ≤1.2kV | ≤1.2kV | ≤1.2kV | ≤1.2kV |
| Voltage protection level 5kA | Up | ≤0.8kV | ≤0.8kV | ≤0.8kV | ≤0.8kV |
| Max. backup fuse | | 125A gL/gG | 125A gL/gG | 125A gL/gG | 125A gL/gG |
| Response time | t _a | ≤100ns | ≤100ns | ≤100ns | ≤100ns |
| 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.) | | 2.5mm ² | 2.5mm ² | 2.5mm ² | 2.5mm ² |
| Cross-section area (Max.) | | 35mm ² | 35mm ² | 35mm ² | 35mm ² |
| For mounting on | | 35mm Din rail | | | |
| Enclosure material | | Thermal plastic UL94-V0 | | | |
| Degree of protection | | IP20 | | | |