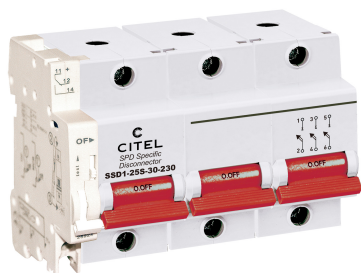




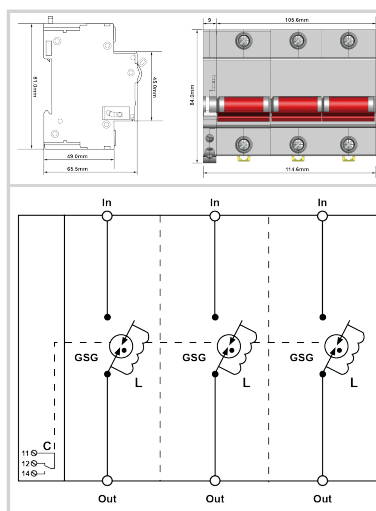
# CITEL

## SPD Specific Disconnectors (SSD) for Type 1 AC SPD

### SSD1-25S-30-230



- ▶ SPD Specific Disconnectors (SSD) for short circuit protection of Type 1 AC surge protectors
- ▶ Surge current withstand: 25 kA @ 10/350µs
- ▶ Wide range of short circuit current protected
- ▶ Reusable after switch triggered
- ▶ Low rated tripping current with time-current characteristics for overcurrent coordination with upstream OCPD and safety disconnect in case of SPD failure



| Electrical Characteristics                                 |           |                                           |  |
|------------------------------------------------------------|-----------|-------------------------------------------|--|
| Minimum delay tripping current                             | $I_d$     | 3A@5s                                     |  |
| Rated impulse withstand voltage                            | $U_{imp}$ | 6 kV                                      |  |
| Minimum instantaneous tripping current                     | $I_i$     | 5A@0.1s                                   |  |
| Nominal line voltage                                       | $U_n$     | 230/400 Vac                               |  |
| Nominal discharge current<br>15 x 8/20 µs impulses         | $I_n$     | 80 kA                                     |  |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole | $I_{max}$ | 120 kA                                    |  |
| Impulse current by pole<br>max. withstand 10/350µs by pole | $I_{imp}$ | 25 kA                                     |  |
| Equivalent rated AC current                                |           | 315 A                                     |  |
| Breaking capacity                                          |           | 100 000 A                                 |  |
| Residual voltage                                           | $U_p$     | < 2.5 kV+SPD                              |  |
| Rated insulation voltage<br>$U_i$                          | $U_i$     | 400 Vac                                   |  |
| Mechanical Characteristics                                 |           |                                           |  |
| Format                                                     |           | Monobloc modular box                      |  |
| Mounting                                                   |           | Symmetrical rail 35 mm (EN 60715)         |  |
| Operating temperature                                      | $T_u$     | -40/+85°C                                 |  |
| Protection rating                                          |           | IP20                                      |  |
| Remote signaling of disconnection                          |           | Output on changeover contact              |  |
| Wiring for remote signaling                                |           | 0.75 mm² max.                             |  |
| Max. Voltage/Current for remote signaling                  |           | 240 V / 2 A (AC) , 24 V / 6 A (DC)        |  |
| Remote signaling of disconnection via control module       |           | With attached seperated module            |  |
| Dimensions                                                 |           | See diagram - 1TE (EN43880)               |  |
| Standards                                                  |           |                                           |  |
| Standards compliance                                       |           | GB/T 18802.11 / IEC 61643-11 / NB/T 42150 |  |
| Certification                                              |           | CQC                                       |  |
| Part number                                                |           |                                           |  |
| 804113                                                     |           |                                           |  |

