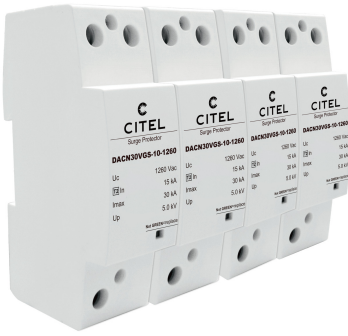




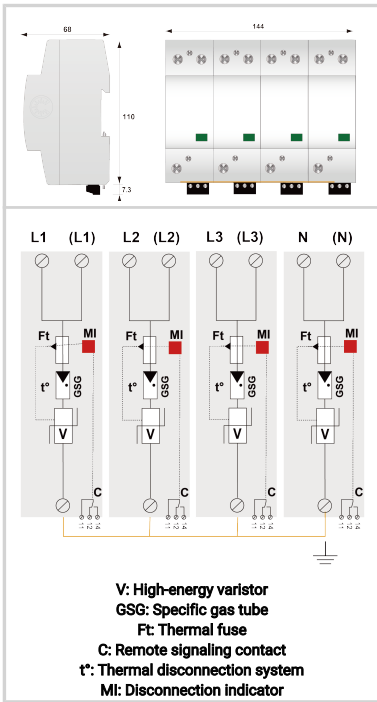
CITEL

Type 2+3 AC surge protector -3-Phase+N - Monobloc

DACN30VGS-40-1260



- Type 2 + 3 AC surge protector
- VG Technology
- In: 15 kA
- No leakage current
- Monobloc module for each phase
- Remote signaling
- Optimized to TOV
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



Electrical Characteristics

| | | |
|----------------------------------------------------------------------------------------------------------|--------|------------------------|
| SPD type | IEC | 2+3 |
| Nominal line voltage | Un | 1140 Vac |
| Max. AC operating voltage | Uc | 1260 Vac |
| Max. load current @25°C | IL | 100 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT | 1650 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT | 2200 Vac disconnection |
| Residual Current Leakage current to Ground | Ipe | None |
| Follow current | If | None |
| Nominal discharge current 15 x 8/20 μs impulses | In | 15 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax | 30 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | Uoc | 6 kV |
| Protection level @ In (8/20μs) | Up | 4.0 kV |
| Protection level @ In (8/20μs) and @ 6 kV (1,2/50 μs) | Up | 5.0 kV |
| Residual voltage at 5 kA @ 5 kA (8/20μs) | Up-5kA | 3.2 kV |
| Admissible short-circuit current | Iscrr | 25 000 A |

Mechanical Characteristics

| | | |
|-------------------------------------------|----|---------------------------------------------------------------------|
| Technology | | VG Technology (MOV+GSG) |
| SPD configuration | | 3-phase+Neutral |
| Connection to Network | | By screw terminals: 2.5-25mm ² (35mm ² rigid) |
| Format | | Monobloc modular box |
| Mounting | | Symmetrical rail 35 mm (EN 60715) |
| Housing material | | Thermoplastic UL94 V-0 |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP20 |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 1 mechanical indicator - Red/Green |
| Remote signaling of disconnection | | Output on changeover contact |
| Wiring for remote signaling | | 1.5 mm ² max. |
| Max. Voltage/Current for remote signaling | | 250 V / 0.5 A (AC) / 30 V / 3 A (DC) |
| Dimensions | | See diagram - 8TE (EN43880) |

Disconnectors

| | | |
|-----------------------------------|--|----------------------|
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | Fuses type gG - 50 A |

Standards

| | | |
|----------------------|--|------------------------------------------|
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
|----------------------|--|------------------------------------------|

Part number

29424032

