



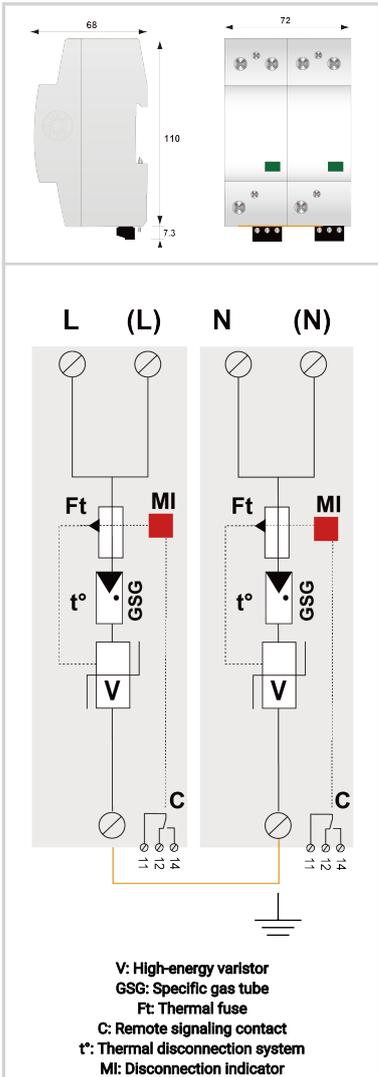
# CITEL

## Type 2+3 AC surge protector -2-pole - Monobloc

### DACN30VGS-20-1260



- ▶ 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  |
| 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  | I <sub>max</sub>  | 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   | Isc <sub>cc</sub> | 25 000 A  |
| Mechanical Characteristics   |                   |   |
| Technology   |                   | VG Technology (MOV+GSG)   |
| SPD configuration  |                   | Single phase  |
| Connection to Network  |                   | By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> 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 <sup>2</sup> max.  |
| Max. Voltage/Current for remote signaling  |                   | 250 V / 0.5 A (AC) / 30 V / 3 A (DC)                                |
| Dimensions   |                   | See diagram - 4TE (EN43880)   |
| Weight   |                   | 0.504 kg  |
| 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  |                   |   |
| 29422032   |                   |   |

