*Compact single-phase type 2 (or 3) surge protector - Monobloc*

# DACN10-21YG-275

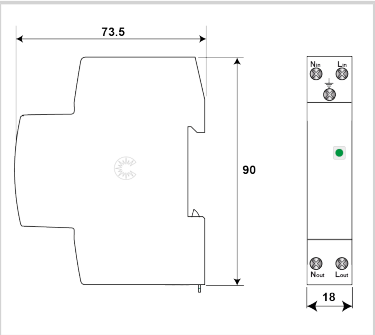


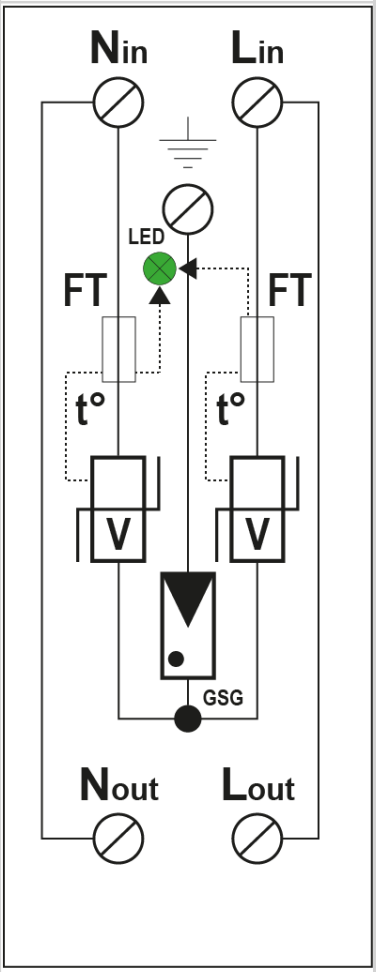

- Cost effective single-phase surge protector
- Type 2 or 3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 25A
- 2-port configuration (series mounting)
- Remote signaling (option)
- IEC 61643-11 / EN 61643-11 / UL1449 ed.5 compliance

CE

| Electrical Characteristics | | |
|---|---|---|
| SPD type | IEC | 2+3 |
| Network | | 230/400V |
| AC system | | TN |
| Max. AC operating voltage | Uc | 275 Vac |
| Max. load current @25°C | IL | 25 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>*Without disconnection* | UT | 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>*Without disconnection or with safety disconnection* | UT | 440 Vac disconnection |
| Residual Current<br>*Leakage current to Ground* | Ipe | None |
| Nominal discharge current<br>*15 x 8/20 µs impulses* | In | 5 kA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 10 kA |
| Withstand on Combination waveform IEC 61643-11<br>*Class III test: 1.2/50µs - 8/20µs* | Uoc | 10 kV |
| Protection level L/N<br>*@ In (8/20µs)* | Up L/N | 1.3 kV |
| Protection level N/PE<br>*@ In (8/20µs)* | Up N/PE | 1.6 kV |
| Protection level L/PE<br>*@ In (8/20µs)* | Up L/PE | 1.6 kV |
| Admissible short-circuit current | Isccr | 10 000 A |
| **Mechanical Characteristics** | | |
| SPD configuration | | Single phase |
| Connection to Network | | By screw terminals: 1.5-10mm² |
| 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 | | Green LED OFF |
| Remote signaling of disconnection | | option DACN10S-21YG-275 |
| Dimensions | | See diagram - 1TE (EN43880) |
| **Disconnectors** | | |
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | Fuses type gG - 25A |
| **Standards** | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | | |
| **Part number** | | |
| **70114021** | | |

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V: High-energy varistor
GSG: Specific Gas Tube
LED: Disconnection indicator
Ft: Thermal fuse
t°: Thermal disconnection system