



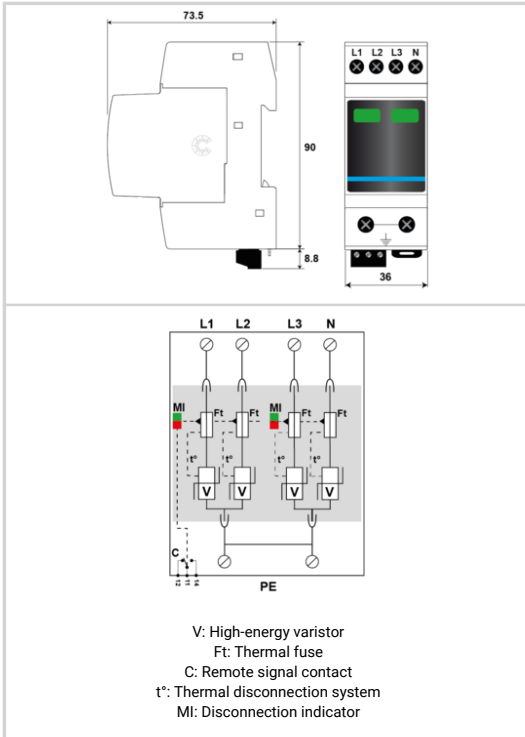
## Type 2 (or 3) AC surge protector - 3-phase+N

# CITEL

## DAC15CS-40-320



- Compact 3-phase+N Type 2 (or 3) surge protector
- In: 5 kA
- Imax: 15 kA
- Common mode
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



| Electrical Characteristics   |   |
|--|---|
| SPD type   | 2 (or 3)  |
| Network  | 230/400 V   |
| AC system  | TN  |
| Max. AC operating voltage  | Uc 320 Vac  |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT 335 Vac withstand  |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 Vac disconnection  |
| Residual Current Leakage current to Ground   | Ipe < 1 mA  |
| Follow current   | If None   |
| Nominal discharge current 15 x 8/20 μs impulses  | In 5 kA   |
| Max. discharge current max. withstand @ 8/20 μs by pole  | Imax 15 kA  |
| Total Maximum discharge current max. total withstand @ 8/20 μs   | Imax Total 60 kA  |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs                         | Uoc 10 kV   |
| Protection mode(s)   | L/PE  |
| Protection level N/PE @ In (8/20μs)  | Up N/PE 1.1 kV  |
| Protection level L/PE @ In (8/20μs)  | Up L/PE 1.1 kV  |
| Admissible short-circuit current   | Iscrr 10 000 A  |
| Mechanical Characteristics   |   |
| Technology   | MOV   |
| SPD configuration  | 3-phase+Neutral   |
| Connection to Network  | By screw terminals: L/N = 1.5-10mm <sup>2</sup> (16mm <sup>2</sup> rigid) or PE = 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid) |
| Format   | Plug-in 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  | 2 mechanical indicators - Red/Green   |
| Spare module(s)  | MDAC15C-40-320  |
| 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 - 2TE (EN43880)   |
| Disconnectors  |   |
| Thermal disconnector   | Internal  |
| Installation ground fault breaker  | Type 'S' or delayed   |
| Back-up protection device  | 20 A min. - 125 A max. - Fuses type gG  |
| Standards  |   |
| Standards compliance   | IEC 61643-11 / EN 61643-11 / UL1449 ed.5  |
| Certification  | KEMA  |
| Part number  |   |
| <b>821610322</b>   |   |

