



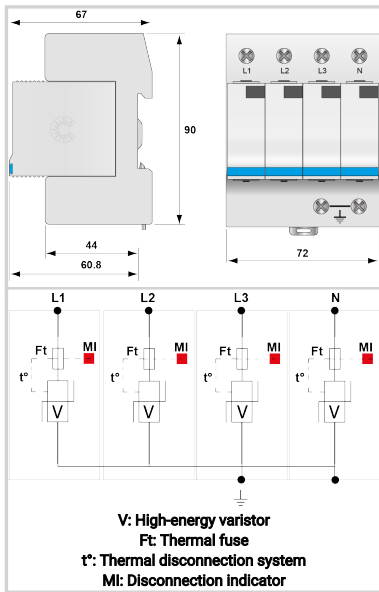
CITEL



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

DS14-230

- Discover our latest innovation : the [DAC15C-40-275](#)
- Type 2 (or 3) AC Multipolar surge protector
- In : 5 kA
- Imax total: 40 kA
- Pluggable module by phase
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics

| | | |
|--|------------|-----------------------|
| SPD type | IEC | 2+3 |
| Network | | 230/400 V |
| AC system | | TNS |
| Nominal line voltage | Un | 230 Vac |
| Max. AC operating voltage | Uc | 255 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i> | UT | 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i> | UT | 440 Vac disconnection |
| Residual Current <i>Leakage current to Ground</i> | Ipe | < 2 mA |
| Follow current | If | None |
| Nominal discharge current <i>15 x 8/20 μs impulses</i> | In | 5 kA |
| Max. discharge current <i>max. withstand @ 8/20 μs by pole</i> | Imax | 10 kA |
| Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i> | Imax Total | 40 kA |
| Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i> | Uoc | 10 kV |
| Withstand on overvoltages IEEE C62.41.1 | | 10 kV |
| Connection mode(s) | | L/PE and N/PE |
| Protection mode(s) | | Common mode |
| Protection level N/PE <i>@ In (8/20μs)</i> | Up N/PE | 0.9 kV |
| Protection level L/PE <i>@ In (8/20μs)</i> | Up L/PE | 1.2 kV |
| Admissible short-circuit current | Iscrr | 25 000 A |

Mechanical Characteristics

| | | |
|-----------------------------------|----|--|
| Technology | | MOV |
| SPD configuration | | 3-phase+Neutral |
| Connection to Network | | By screw terminals: 2.5-25mm ² / by bus |
| 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 | | 1 mechanical indicator by pole |
| Spare module(s) | | DSM10-230 |
| Remote signaling of disconnection | | option DS14S-230 : output on changeover contact |
| Dimensions | | See diagram |

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 | | UL Recognized |

Part number

471502

