



Type 2 or 3 AC surge protector - pluggable with integrated fuse

CITEL

DACF15-40-440



- Type 2 (or 3) AC surge protector
- Interne Disconnection device
- Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- In : 5 kA
- Imax : 15 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| | | | |
|--|--|---|-----------------------|
| | Electrical Characteristics | | |
| | SPD type | 2 (or 3) | |
| <p>V: High-energy varistor Ft: Thermal fuse F: Overcurrent protection (fuse) t*: Thermal disconnection system C: Remote signal contact MI: Disconnection indicator</p> | Network | 230/400 V 3-phase+N | |
| | AC system | IT | |
| | Max. AC operating voltage | Uc | 440 Vac |
| | Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT | 580 Vac withstand |
| | Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT | 770 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 |
| | Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | Uoc | 10 kV |
| | Protection level N/PE @ In (8/20μs) | Up N/PE | 1.5 kV |
| | Protection level L/PE @ In (8/20μs) | Up L/PE | 1.5 kV |
| | Admissible short-circuit current | Iscsr | 100 000 A |
| Mechanical Characteristics | | | |
| Technology | | MOV | |
| SPD configuration | | 3-phase+Neutral | |
| Connection to Network | | By screw terminals: 2.5-25mm ² (35mm ² 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 | | 1 mechanical indicator - Red/Green | |
| Spare module(s) | | MDACF15-440 | |
| Remote signaling of disconnection | | option DACF15S-40-440 : output on changeover contact | |
| Wiring for remote signaling | | 1.5 mm ² max. | |
| Dimensions | | See diagram - 1TE (EN43880) | |
| Weight | | 0.408 kg | |
| Disconnectors | | | |
| Thermal disconnector | | Internal | |
| Installation ground fault breaker | | Type 'S' or delayed | |
| Back-up protection device | | internal (equivalent AC rating : 25 A, gG Type) | |
| Standards | | | |
| Standards compliance | | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 | |
| Part number | | | |
| 821310414 | | | |

