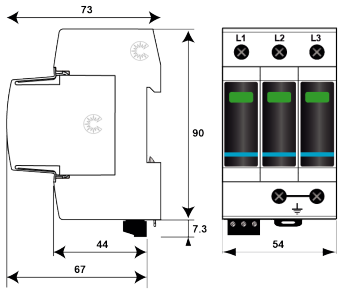
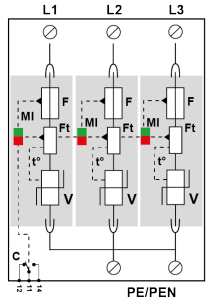
*Type 2 or 3 AC surge protector - pluggable with integrated fuse*

# DACF15S-30-440




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




**V: High-energy varistor**
**Ft: Thermal fuse**
**F : Overcurrent protection (fuse)**
**t°: Thermal disconnection system**
**C: Remote signal contact**
**MI: Disconnection indicator**

| Electrical Characteristics | | |
|---|---|---|
| SPD type | IEC | 2+3 |
| Network | | 230/400V |
| AC system | | IT |
| Max. AC operating voltage | Uc | 440 Vac |
| Temporary Over Voltage (TOV) Characteristics - 5 sec.<br>*Without disconnection* | UT | 580 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn<br>*Without disconnection or with safety disconnection* | UT | 770 Vac disconnection |
| Residual Current<br>*Leakage current to Ground* | Ipe | < 1 mA |
| Follow current | If | None |
| Nominal discharge current<br>*15 x 8/20 µs impulses* | In | 5 kA |
| Nominal discharge current N/PE<br>*15 x 8/20 µs impulses* | In N/PE | 20 kA |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 15 kA |
| Withstand on Combination waveform IEC 61643-11<br>*Class III test: 1.2/50µs - 8/20µs* | Uoc | 10 kV |
| Protection level L/PE<br>*@ In (8/20µs)* | Up L/PE | 1.5 kV |
| Admissible short-circuit current | Isccr | 100 000 A |
| **Mechanical Characteristics** | | |
| Technology | | MOV |
| SPD configuration | | 3-phase |
| Connection to Network | | By screw terminals: 2.5-25mm² (35mm² 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 by pole - Red/Green |
| Spare module(s) | | MDACF15-440 |
| Remote signaling of disconnection | | output on changeover contact |
| Wiring for remote signaling | | 1.5 mm² max. |
| Dimensions | | See diagram - 1TE (EN43880) |
| **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** | | |
| **821310423** | | |