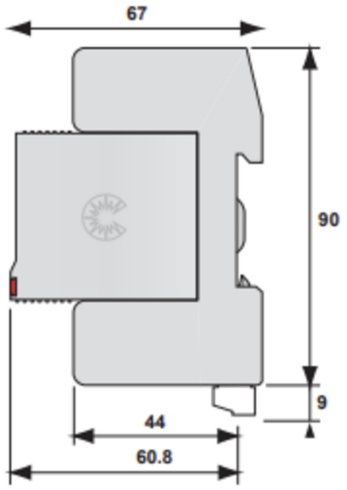
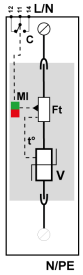
*Type 2 AC surge protector - 1-pole - pluggable*

# DS41S-400




- **Discover our latest innovation : the DAC50S-10-440**
- Type 2 AC Multipolar surge protector
- In: 20 kA
- Imax total: 40 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**
**C: Remote signal contact**
**t°: Thermal disconnection system**
**MI: Disconnection indicator**

| Electrical Characteristics | | |
|---|---|---|
| Network | | 230/400V |
| Nominal line voltage | Un | 400 Vac |
| 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 | < 0.5 mA |
| Follow current | If | None |
| Nominal discharge current *15 x 8/20 µs impulses* | In | 20 kA |
| Connection mode(s) | | L/N or N/PE |
| Residual voltage at 5 kA *@ 5 kA (8/20µs)* | Up-5kA | 1.3 kV |
| Admissible short-circuit current | Isccr | 25 000 A |
| **Mechanical Characteristics** | | |
| SPD configuration | | Single phase |
| Format | | Plug-in modular box |
| Failsafe mode | | Disconnection from AC network |
| Disconnection indicator | | 1 mechanical indicator |
| Spare module(s) | | DSM40-400 |
| Remote signaling of disconnection | | Output on changeover contact |
| **Disconnectors** | | |
| Thermal disconnector | | Internal |
| Installation ground fault breaker | | Type 'S' or delayed |
| Back-up protection device | | Fuses type gG - 50 A |
| **Standards** | | |
| Certification | | CSA / UL Listed |
| Environmental standards | | EU RoHS |
| **Part number** | | |
| **3314111** | | |