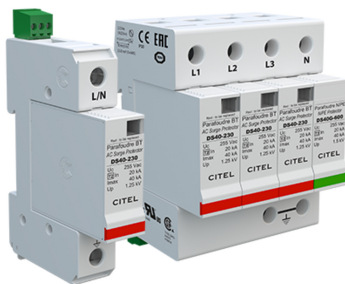




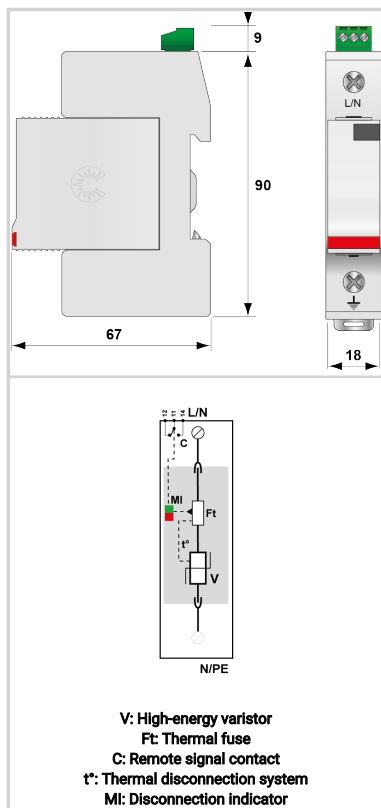
# CITEL

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

### DS41S-440



- Discover our latest innovation : the [DAC50S-10-440](#)
- Type 2 AC Multipolar surge protector
- In: 20 kA
- I<sub>max</sub> total: 40 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



| Electrical Characteristics                                                                               |                 |                               |
|----------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|
| Network                                                                                                  |                 | 230/400V                      |
| Nominal line voltage                                                                                     | Un              | 440 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                                                               | I <sub>pe</sub> | < 0.5 mA                      |
| Follow current                                                                                           | I <sub>f</sub>  | None                          |
| Nominal discharge current 15 x 8/20 µs impulses                                                          | I <sub>n</sub>  | 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                                                                         | I <sub>sc</sub> | 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                                                                                              |                 |                               |
| 332211                                                                                                   |                 |                               |

