



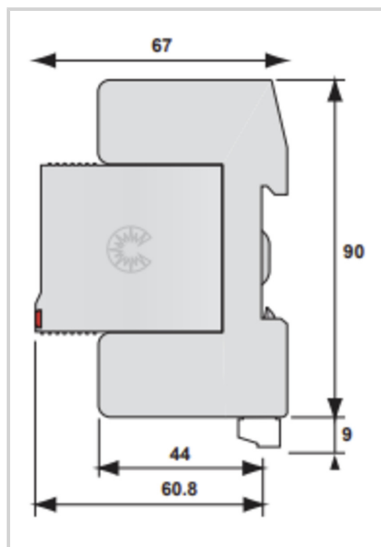
CITEL

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
- ▶ I_{max} total: 40 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling
- ▶ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics

Network		230/400 V
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	I _{pe}	< 0.5 mA
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	20 kA
Connection mode(s)		L/N or N/PE
Residual voltage at 5 kA @ 5 kA (8/20 μs)	Up-5kA	1.3 kV
Admissible short-circuit current	I _{sc}	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

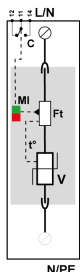
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A

Standards

Certification		CSA / UL Listed
Environmental standards		EU RoHS

Part number

3314111



- V: High-energy varistor
- Ft: Thermal fuse
- C: Remote signal contact
- t: Thermal disconnection system
- MI: Disconnection Indicator

