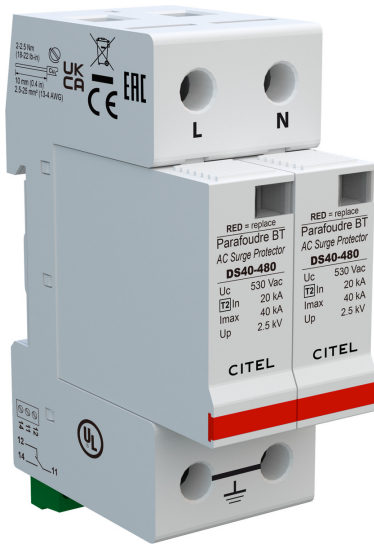




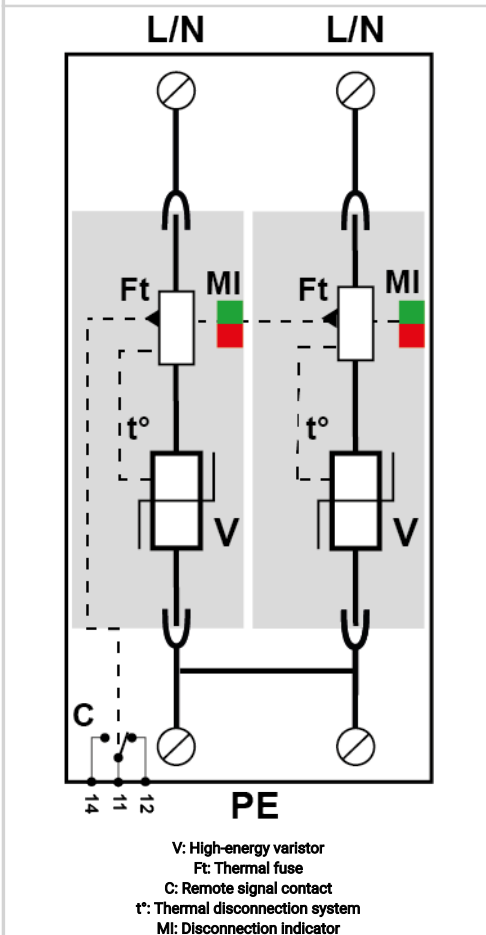
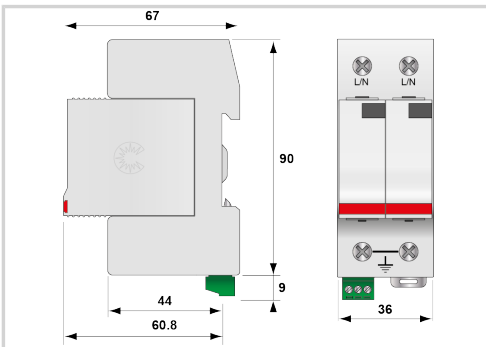
# CITEL

## Type 2 AC surge protector - Single-phase

### DS42S-480



- Discover our latest innovation : the [DAC50S-20-530](#)
- Type 2 AC Multipolar surge protector
- In: 20 kA
- I<sub>max</sub> total: 80 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5



Electrical Characteristics	
Network	230-277 V Single-phase
AC system	TT-TN
Nominal line voltage	U <sub>n</sub> 230-277 Vac
Max. AC operating voltage	U <sub>c</sub> 530 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 920 Vac disconnection
Residual Current Leakage current to Ground	I <sub>pe</sub> < 1 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/PE and N/PE
Protection mode(s)	Common mode
Protection level N/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> N/PE 2.5 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/PE 2.5 kV
Admissible short-circuit current	I <sub>sc</sub> 25 000 A
Mechanical Characteristics	
IP degree	IP 20
SPD configuration	Single phase
Format	Plug-in modular box
Operating temperature	T <sub>u</sub> -40/+85°C
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-480
Remote signaling of disconnection	Output on changeover contact
Weight	0.222 kg
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
Part number	
<b>461015</b>	

