



# CITEL

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

### DAC50G-10-440



- Type 2 AC multipolar surge protector
- In : 20 kA
- I<sub>max</sub> : 50 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5 certified



Electrical Characteristics		
SPD type		2
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>	None
Follow current	I <sub>f</sub>	Yes
Follow current interrupting capability	I <sub>fi</sub>	> 100 A
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	50 kA
Protection level @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub>	1.8 kV
Residual voltage at 5 kA @ 5 kA (8/20 μs)	U <sub>p-5kA</sub>	1.3 kV
Admissible short-circuit current	I <sub>sc</sub>	50 000 A
Mechanical Characteristics		
Technology		Gas discharge tube
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator
Spare module(s)		MDAC50G-440
Remote signaling of disconnection		option DAC50GS-10-440 : output on changeover contact
Dimensions		See diagram
Weight		0.088 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		ÖVE
Part number		
821120411		

