



CITEL

Type 2 AC surge protector - 1-pole - pluggable

DAC50G-10-440



- ▶ Type 2 AC multipolar surge protector
- ▶ In: 20 kA
- ▶ Imax: 50 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11 certified



Electrical Characteristics		
SPD type	IEC	2
Max. AC operating voltage	Uc	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	770 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	None
Follow current	If	Yes
Follow current interrupting capability	Ifi	100 A
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	50 kA
Protection level <i>@ In (8/20μs)</i>	Up	1.8 kV
Residual voltage at 5 kA <i>@ 5 kA (8/20μs)</i>	Up-5kA	1.3 kV
Admissible short-circuit current	Iscrc	50 000 A
Mechanical Characteristics		
Technology		Gas discharge tube
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm ² (35mm ² rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Ingress Protection rating		IP20 (NEMA 2)
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
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
Certification		OVE
Part number		
821120411		

