



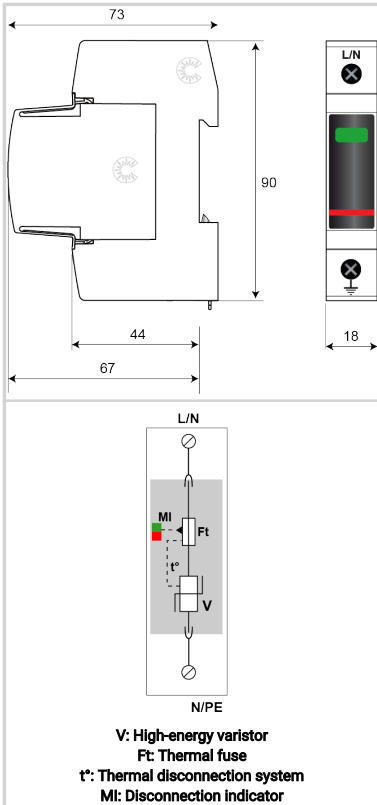
CITEL

Type 2 AC surge protector - 1-pole - pluggable

DAC50-10-275



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



Electrical Characteristics		
SPD type	IEC	2
Network		230/400 V 3-phase
AC system		TNC
Nominal line voltage	U _n	230 Vac
Max. AC operating voltage	U _c	275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Residual Current Leakage current to Ground	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	50 kA
Connection mode(s)		L/PE
Protection level @ I _n (8/20μs)	U _p	1.25 kV
Residual voltage at 5 kA @ 5 kA (8/20μs)	U _{p-5kA}	1 kV
Protection level L/PE @ I _n (8/20μs)	U _{p L/PE}	1.25 kV
Admissible short-circuit current	I _{sc}	50 000 A
Mechanical Characteristics		
Technology		MOV
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	T _u	-40/+85°C
Ingress Protection rating		IP20 (NEMA 2)
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator - Red/Green
Spare module(s)		MDAC50-275
Remote signaling of disconnection		option DAC50S-10-275 : output on changeover contact
Dimensions		See diagram - 1TE (EN43880)
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		ÖVE
Environmental standards		EU RoHS
Part number		
821110211		

