



CITEL

Type 2+3 AC surge protector - one-phase - pluggable with integrated fuse

DACF15S-10-275



- Type 2 (or 3) AC surge protector
- Interne Disconnection device
- Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- In: 5 kA
- I_{max}: 15 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



	Electrical Characteristics	
	SPD type	2 (or 3)
<p>V: High-energy varistor Ft: Thermal fuse F: Overcurrent protection (fuse) t*: Thermal disconnection system MI: Disconnection indicator</p>	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 5 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 15 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc} 10 kV
	Protection level @ I _n (8/20μs)	U _p 1 kV
	Admissible short-circuit current	I _{sc cr} 100 000 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	
Protection rating	IP20	
Failsafe mode	Disconnection from AC network	
Disconnection indicator	1 mechanical indicator by pole - Red/Green	
Spare module(s)	MDACF15-275	
Remote signaling of disconnection	output on changeover contact	
Wiring for remote signaling	1.5 mm ² max.	
Dimensions	See diagram - 1TE (EN43880)	
Weight	0.112 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	internal (equivalent AC rating : 25 A, gG Type)	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11	
Part number		
821310221		

