



Type 2 or 3 AC surge protector - pluggable with integrated fuse

CITEL

DACF15-30-275



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



	Electrical Characteristics	
	SPD type	IEC 2 (or 3)
<p>V: High-energy varistor Ft: Thermal fuse F: Overcurrent protection (fuse) t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	230/400 V 3-phase
	AC system	TNC
	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 μ s impulses	I_n 5 kA
	Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 15 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	U_{oc} 10 kV
	Protection level L/PE @ I_n (8/20 μ s)	U_p L/PE 1 kV
	Admissible short-circuit current	$I_{sc cr}$ 100 000 A
	Mechanical Characteristics	
	Technology	MOV
	SPD configuration	3-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 - Red/Green	
Spare module(s)	MDACF15-275	
Remote signaling of disconnection	option DACF15S-30-275 : output on changeover contact	
Wiring for remote signaling	1.5 mm ² max.	
Dimensions	See diagram - 1TE (EN43880)	
Weight	0.302 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		
821310213		

