



Type 2 AC surge protector - Single-phase - Integrated fuses

CITEL

DACF25S-20-320



Type 2 AC surge protector

- ↳ In: 15 kA
- ↳ Imax: 25 kA
- ↳ Interne Disconnection device
- ↳ Pluggable module for each phase
- ↳ Remote signaling
- ↳ EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



	Electrical Characteristics	
	SPD type	2
	Network	230 V single-phase
	AC system	TN
	Max. AC operating voltage	Uc 320 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	Ipe < 1 mA
	Follow current	If None
	Nominal discharge current 15 x 8/20 μs impulses	In 15 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 25 kA
	Total Maximum discharge current max. total withstand @ 8/20 μs	Imax Total 50 kA
	Connection mode(s)	L/PE and N/PE
	Protection level N/PE @ In (8/20μs)	Up N/PE 1.5 kV
	Protection level L/PE @ In (8/20μs)	Up L/PE 1.5 kV
	Protection level N/PE at 5 kA @ 5 kA (8/20μs)	Up-5kA 1.2 kV
	Residual voltage L/PE at 5 kA @ 5 kA (8/20μs)	Up-5kA 1.2 kV
	Admissible short-circuit current	Iscrc 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	Tu -40/+85°C
	Protection rating	IP20
	Failsafe mode	Disconnection from AC network
	Disconnection indicator	1 mechanical indicator by pole - Red/Green
	Spare module(s)	MDACF25-320
	Remote signaling of disconnection	Output on changeover contact
	Wiring for remote signaling	1.5 mm ² max.
	Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
	Dimensions	See diagram - 2TE (EN43880)
	Disconnectors	
	Thermal disconnecter	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Back-up protection device	internal (equivalent AC rating : 40 A, gG Type)
	Standards	
	Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
	Part number	
	821410322	

V: High-energy varistor
 Ft: Thermal fuse
 F: Overcurrent protection (fuse)
 t*: Thermal disconnection system
 C: Remote signal contact
 MI: Disconnection indicator

