



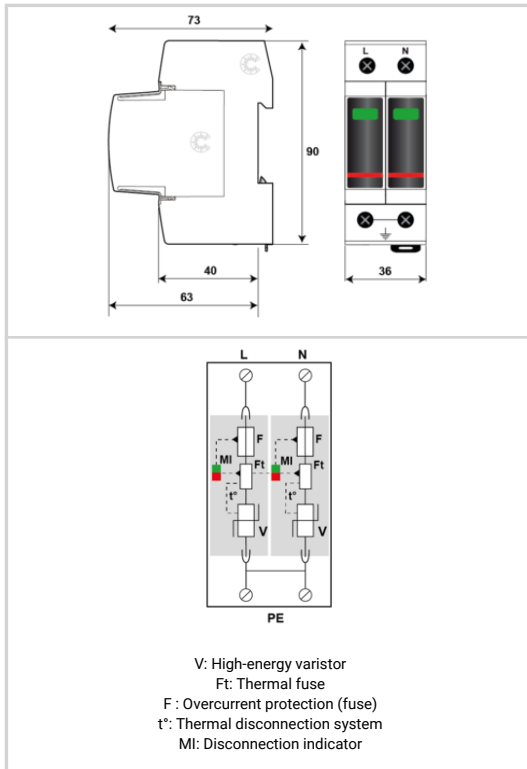
Type 2 AC surge protector with integrated fuse - Single-phase

CITEL

DACF25-20-275



- Type 2 AC Multipolar surge protector
- I_n : 15 kA
- I_{max} total : 50 kA
- Internal Fuse
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



Electrical Characteristics	
SPD type	2
Network	230 V single-phase
AC system	TN
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 15 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 25 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	I_{max} Total 50 kA
Connection mode(s)	L/PE and N/PE
Protection level N/PE @ I_n (8/20 μ s)	U_p N/PE 1.25 kV
Protection level L/PE @ I_n (8/20 μ s)	U_p L/PE 1.25 kV
Protection level N/PE at 5 kA @ 5 kA (8/20 μ s)	U_p -5kA 1 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20 μ s)	U_p -5kA 1 kV
Admissible short-circuit current	I_{sc} 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)	MDACF25-275
Remote signaling of disconnection	option DACF25S-20-275 : 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 disconnector	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
Certification	KEMA
Part number	
821410212	

