



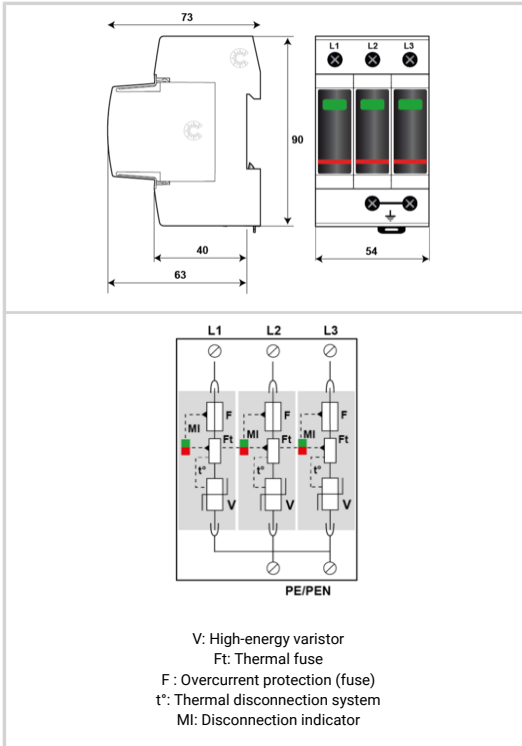
Type 2 AC surge protector - 3-phase

CITEL

DACF25-30-275



- Type 2 AC Multipolar surge protector
- I_n : 15 kA
- I_{max} total : 75 kA
- Internal Fuse
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



Electrical Characteristics		
SPD type		2
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	U_T	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	U_T	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	75 kA
Connection mode(s)		L/PE
Protection level L/PE @ I_n (8/20 μ s)	U_p L/PE	1.25 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20 μ s)	U_p -5kA	1 kV
Admissible short-circuit current	I_{scr}	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 by pole - Red/Green
Spare module(s)		MDACF25-275
Remote signaling of disconnection		option DACF25S-30-275 : 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 - 3 TE (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 : 40 A, gG Type)
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		KEMA
Part number		
821410213		

