



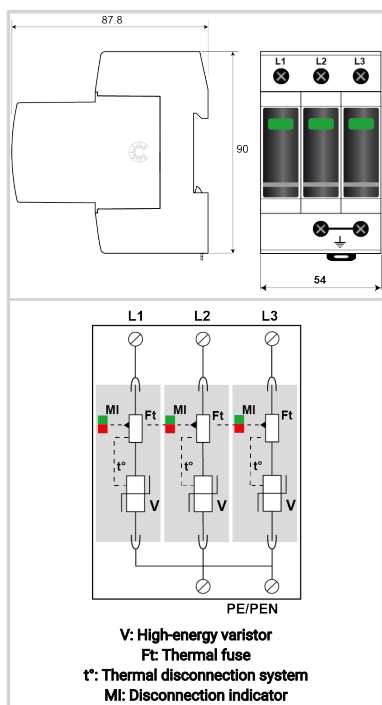
CITEL



Type 1+2 AC surge protector 3-phase

DAC1-13-30-275

- › Type 1 + 2 AC multipolar surge protector
- › In: 20 kA
- › Iimp: 12.5 kA
- › Pluggable module for each phase
- › Remote signaling (option)
- › EN 61643-11, IEC 61643-11 certified
- › UL1449 ed.5 compliance



Electrical Characteristics		
SPD type	IEC	1+2
Network		230/400V
AC system		TNC
Max. AC operating voltage	Uc	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	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	50 kA
Impulse current by pole max. withstand 10/350µs by pole	Iimp	12.5 kA
Impulse current N/PE max. withstand 10/350µs	Iimp N /PE	50 kA
Total lightning current max. total withstand @ 10/350µs	Itotal	37.5 kA
Specific energy by pole max. withstand 10/350 µs	W/R	40 kJ/ohm
Protection level L/PE @ In (8/20µs)	Up L/PE	1.3 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20µs)	Up-5kA	1.2 kV
Admissible short-circuit current	Iscrr	50 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25mm² (35mm² 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)		MDAC1-13-275
Remote signaling of disconnection		option DAC1-13S-30-275: output on changeover contact
Dimensions		See diagram - 3 TE (EN43880)
Weight		0.515 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuse assembly: SFD1-13S-30 / or 125 A min. - 315 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		KEMA
Part number		
821710213		

