



Type 2 AC surge protector - Re-inforced - pluggable

CITEL

DAC80S-31-275



- Re-inforced Type 2 AC surge protector
- In: 40 kA
- Imax: 80 kA
- 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+N	
AC system	TT-TNS	
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	40 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	80 kA
Protection mode(s)	L/N and N/PE	
Protection level @ In (8/20μs) and @ 6 kV (1,2/50 μs)	Up L/N	1.6 kV
Protection level N/PE @ In (8/20μs) and @ 6 kV (1,2/50 μs)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscsr	50 000 A
	Mechanical Characteristics	
	Technology	MOV+GDT
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)	MDAC80-275	
Remote signaling of disconnection	Output on changeover contact	
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)	
Dimensions	See diagram - 4TE (EN43880)	
Weight	0.419 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses Type gG - 125 A	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification	KEMA	
Part number		
821210244		

V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 *: Thermal disconnection system
 MI: Disconnection indicator

