



Type 2 AC surge protector - Re-reinforced - pluggable

CITEL

DAC80S-40-275



- Re-reinforced 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	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/PE and N/PE		
Protection level N/PE @ In (8/20μs)	Up N/PE	1.6 kV	
Protection level L/PE @ In (8/20μs)	Up L/PE	1.6 kV	
Admissible short-circuit current	Iscsr	50 000 A	
	Mechanical Characteristics		
	Technology	MOV	
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	0.458 kg		
<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator</p>	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			
821210224			

