



Type 2 AC surge protector - Re-reinforced - pluggable

CITEL

DAC80-20-385



- Re-reinforced Type 2 AC surge protector
- I_n : 40 kA
- I_{max} : 80 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



	Electrical Characteristics		
	SPD type	2	
<p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	230 V single-phase	
	AC system	TN	
	Max. AC operating voltage	U_c	385 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	500 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	650 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	40 kA
	Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	80 kA
	Protection mode(s)		L/PE and N/PE
	Protection level N/PE @ I_n (8/20 μ s)	U_p N/PE	1.8 kV
	Protection level L/PE @ I_n (8/20 μ s)	U_p L/PE	1.8 kV
	Admissible short-circuit current	I_{sc}	50 000 A
	Mechanical Characteristics		
	Technology		MOV
Connection to Network		By screw terminals: 2.5-2.5mm 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)		MDAC80-385	
Remote signaling of disconnection		option DAC80S-20-385 : output on changeover contact	
Dimensions		See diagram - 2TE (EN43880)	
Weight		0.249 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			
		821210512	

