



Type 2 AC surge protector - 3-phase+N

CITEL

DAC50S-40-150



- Type 2 AC surge protector
- In: 20 kA
- Imax: 50 kA
- Pluggable module for each phase
- Remote signaling
- UL1449 ed.5 certified
- EN 61643-11, IEC 61643-11 compliance



	Electrical Characteristics	
	SPD type	2
	Network	120/208 V 3-phase+N
	AC system	TNS
	Max. AC operating voltage	Uc 150 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 180 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 230 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
	Total Maximum discharge current max. total withstand @ 8/20 μs	Imax Total 200 kA
	Protection mode(s)	L/PE and N/PE
	Protection level N/PE @ In (8/20μs)	Up N/PE 0.9 kV
	Protection level L/PE @ In (8/20μs)	Up L/PE 1.2 kV
	Admissible short-circuit current	Iscrr 50 000 A
	Mechanical Characteristics	
	Technology	MOV
	SPD configuration	3-phase+Neutral
	Connection to Network	By screw terminals: 2.5-25mm ²
	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)	MDAC50-150
	Remote signaling of disconnection	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 - 4TE (EN43880)
	Weight	0.344 kg
	Disconnectors	
	Thermal disconnector	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Back-up protection device	50 A min. - 125 A max. - Fuses Type gG
	Standards	
	Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
	Certification	OVE / UL
	Part number	
	821110124	
	<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator</p>	

