



# Type 2 AC surge protector - Re-inforced - pluggable

# CITEL

## DAC80S-31-440



- 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



	<b>Electrical Characteristics</b>	
	SPD type	2
	Network	230/400 V 3-phase+N
	AC system	TT-TNS
	Max. AC operating voltage	Uc 440 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 580 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 770 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)	Common/Differential mode
	Protection level L/N @ In (8/20μs)	Up L/N 2 kV
	Protection level N/PE @ In (8/20μs)	Up N/PE 1.5 kV
	Admissible short-circuit current	Iscrr 50 000 A
	<b>Mechanical Characteristics</b>	
	Technology	MOV+GDT
	Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> 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)	MDAC80-440
	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	0.506 kg
	<b>Disconnectors</b>	
	Thermal disconnector	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Back-up protection device	Fuses Type gG - 125 A
	<b>Standards</b>	
	Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
	Certification	KEMA
	<b>Part number</b>	
	<b>821210444</b>	
<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>		

