



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

# CITEL

### DAC80S-31-150



- 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



<p>V: High-energy varistor GSG: Specific gas tube Ft: Thermal fuse C: Remote signaling contact t*: Thermal disconnection system MI: Disconnection indicator</p>	
<b>Electrical Characteristics</b>	
SPD type	2
Network	120/208 V 3-phase+N
AC system	TT-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 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 1.2 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	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)	MDAC80-150
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	0.407 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>821210144</b>	

