



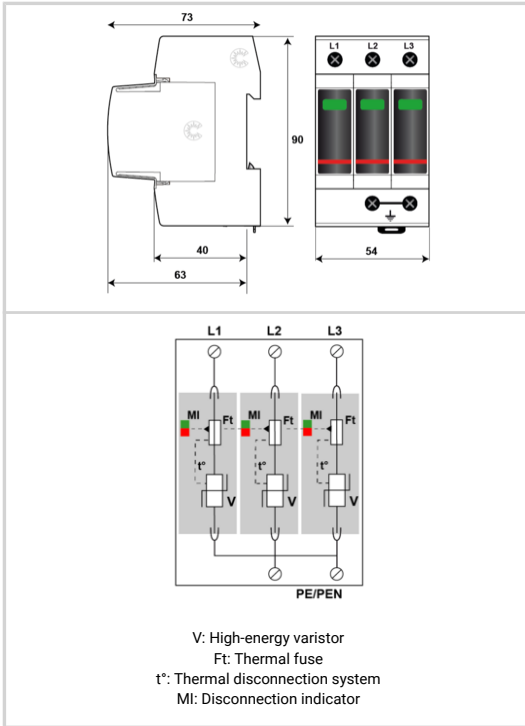
## Type 2 AC surge protector - 3-phase

# CITEL

### DAC50-30-150



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



Electrical Characteristics		
SPD type		2
Network		120/208 V 3-phase
AC system		TNC
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	150 kA
Protection mode(s)		L/PE
Protection level L/PE @ In (8/20μs)	Up L/PE	1.2 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20μs)	Up-5kA	0.6 kV
Admissible short-circuit current	Iscsr	50 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase
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)		MDAC50-150
Remote signaling of disconnection		option DAC50S-30-150 : output on changeover contact
Dimensions		See diagram - 3 TE (EN43880)
Weight		0.268 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		ÖVE / UL
Part number		
821110113		

