



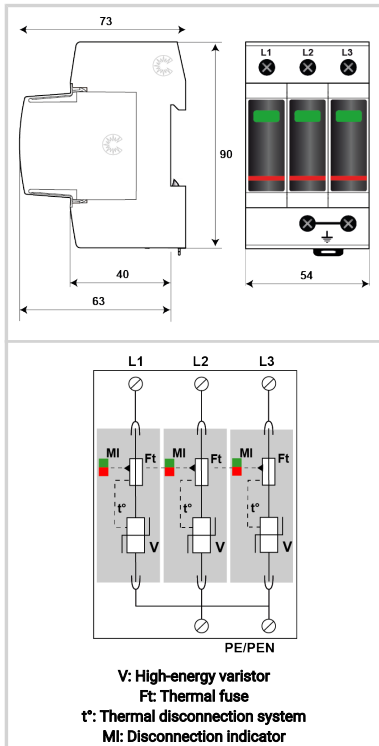
CITEL

Type 2 AC surge protector - 3-phase

DAC50-30-150



- ▶ Type 2 AC multipolar surge protector
- ▶ In: 20 kA
- ▶ I_{max}: 50 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11 certified



Electrical Characteristics

SPD type	IEC	2
Network		120/208 V
AC system		TNC
Max. AC operating voltage	U _c	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	230 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	50 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total	150 kA
Protection mode(s)		L/PE
Protection level L/PE <i>@ I_n (8/20μs)</i>	U _p L/PE	1.2 kV
Residual voltage L/PE at 5 kA <i>@ 5 kA (8/20μs)</i>	U _{p-5kA}	0.6 kV
Admissible short-circuit current	I _{sc}	50 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25mm 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
Ingress Protection rating		IP20 (NEMA 2)
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
Certification		OVE

Part number

821110113

