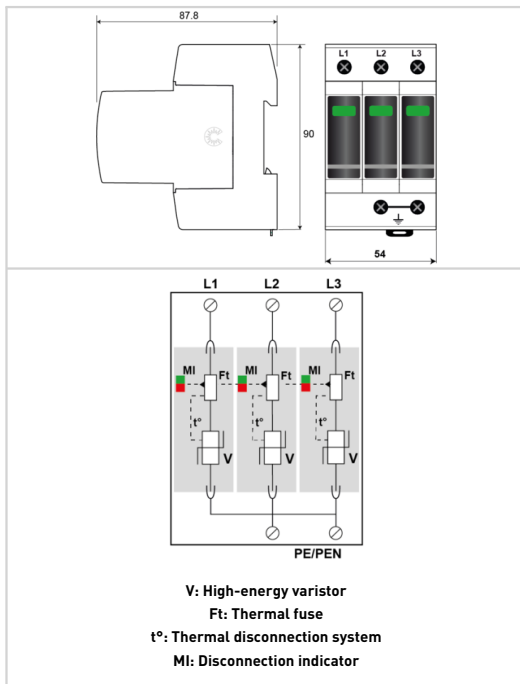


DAC1-13S-30-320



- ✦ Type 1 + 2 AC multipolar surge protector
- ✦ I_n : 20 kA
- ✦ I_{limp} : 12.5 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling (option)
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.4 compliance



Electrical Characteristics	
SPD type (following IEC tests)	1+2
Network	230/400 V 3-phase
AC system	TNC
Max. AC operating voltage	U_c 320 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT 440 Vac disconnection
Residual Current (Leakage current to Ground)	I_{pe} < 1 mA
Follow current	I_f None
Nominal discharge current (15 x 8/20 μ s impulses)	I_n 20 kA
Max. discharge current (max. withstand @ 8/20 μ s by pole)	I_{max} 50 kA
Impulse current by pole (max. withstand 10/350 μ s by pole)	I_{limp} 12.5 kA
Total lightning current (max. total withstand @ 10/350 μ s)	I_{total} 37.5 kA
Specific energy by pole (max. withstand 10/350 μ s)	W/R 40 kJ/ohm
Protection level L/PE (@ I_n 8/20 μ s)	U_p L/PE 1.3 kV
Residual voltage L/PE at 5 kA (@ 5 kA 8/20 μ s)	U_p -5kA 1.2 kV
Admissible short-circuit current	I_{scCR} 50 000 A
Mechanical Characteristics	
Technology	VG Technology (MOV+ GSG)
SPD configuration	3-phase
Connection to Network	By screw terminals: 2.5-25 mm ² (35 mm ² rigid)
Format	Plug-in modular box
Mounting	Symmetrical rail 35 mm (DIN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	T_u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole - Red/Green
Spare module(s)	MDAC1-13-275
Remote signaling of disconnection	option DAC1-13S-30-275: output on changeover contact
Dimensions	See diagram - 3 TE (EN43880)
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	Fuse assembly: SFD1-13-30S / or 125 A min. - 315 A max. - Fuses Type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification	KEMA / EAC
Part number	
821710323	