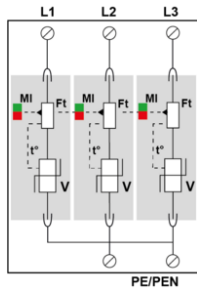
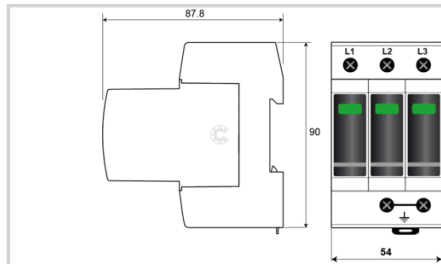


DAC1-13-30-320



- › Type 1 + 2 AC multipolar surge protector
- › In: 20 kA
- › Iimp: 12.5 kA
- › Pluggable module for each phase
- › Remote signaling (option)
- › EN 61643-11, IEC 61643-11 certified
- › UL1449 ed.5 compliance



V: High-energy varistor
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	1+2
Network	230/400 V 3-phase
AC system	TNC
Max. AC operating voltage	Uc 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	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
Impulse current by pole max. withstand 10/350µs by pole	Iimp 12.5 kA
Total lightning current max. total withstand @ 10/350µs	Itotal 37.5 kA
Specific energy by pole max. withstand 10/350 µs	W/R 40 kJ/ohm
Protection level L/PE @ In (8/20µs)	Up L/PE 1.6 kV
Residual voltage L/PE at 5 kA @ 5 kA (8/20µs)	Up-5kA 1.5 kV
Admissible short-circuit current	Iscrr 50 000 A

Mechanical Characteristics

Technology	VG Technology (MOV+GSG)
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	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)	MDAC1-13-320
Remote signaling of disconnection	option DAC1-13S-30-320: output on changeover contact
Dimensions	See diagram - 3 TE (EN43880)
Weight	0.560 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuse assembly: SFD1-13S-30 / or 125 A min. - 315 A max. - Fuses Type gG

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	KEMA

Part number

821710313