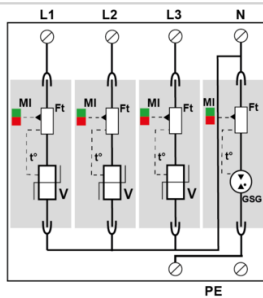
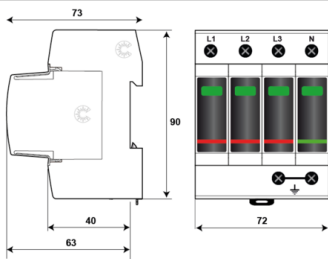




- Type 2 AC surge protector
- I_n : 20 kA
- I_{max} : 50 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance



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

Electrical Characteristics

SPD type (following IEC tests)		2
Network		230/400 V 3-phase+N
AC system		TT-TNS
Max. AC operating voltage L-N	Uc	275 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
Temporary Over Voltage N/PE (TOV HT) (Without disconnection or with safety disconnection)	UT	1200 V/300A/200 ms withstand
Residual Current(Leakage current to Ground)	Ipe	None
Follow current	If	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
Total Maximal discharge current (max. total withstand @ 8/20 μ s)	I_{max} Total	50 kA
Protection mode(s)		L/N and N/PE
Protection level L/N (@ 8/20 μ s)	Up L/N	1.25 kV
Residual voltage L/N at 5 kA (@ 5 kA (8/20 μ s))	Up-5kA	1 kV
Protection level N/PE at 5 kA(@ 5 kA (8/20 μ s))	Up-5kA	1 kV
Admissible short-circuit current	Iscsr	50 000 A

Mechanical Characteristics

Technology		MOV+GDT
SPD configuration		3-phase+Neutral
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-V0
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)		MDAC50-275+MDACG-275
Remote signaling of disconnection		option DAC50S-31-275: output on changeover contact
Dimensions		See diagram - 4TE (EN43880)
Weight		0.343 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A mini. - 125 A max. - Fuses Type gG

Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		ÖVE / EAC

Part number

821110234

