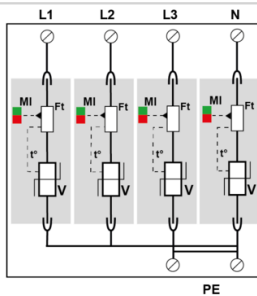
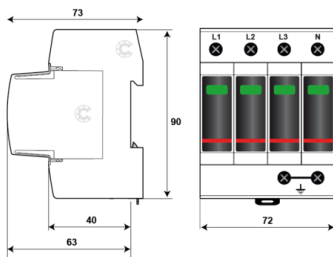




- Type 2 AC surge protector
- I_n : 20 kA
- I_{max} : 50 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance



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

Caractéristiques Électriques

SPD type (following IEC tests)		2
Network		480/830 V 3-phase+N
AC system		TNS
Max. AC operating voltage L-N	U_c	530 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	920 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
Total Maximal discharge current (max. total withstand @ 8/20 μ s)	I_{max} Total	200 kA
Protection mode(s)		L/PE and N/PE
Protection level N/PE (@ I_n 8/20 μ s)	U_p N/PE	2.4 kV
Protection level L/PE(@ I_n 8/20 μ s)	U_p L/PE	2.4 kV
Protection level N/PE at 5 kA(@ 5 kA 8/20 μ s)	U_p -5kA	2 kV
Residual voltage L/PE at 5 kA (@ 5 kA 8/20 μ s)	U_p -5kA	2 kV
Admissible short-circuit current	I_{sc}	50 000 A

Caractéristiques Mécaniques

Technology		MOV
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	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)		MDAC50-530
Remote signaling of disconnection		option DAC50S-40-530 : output on changeover contact
Wiring for remote signaling		1.5 mm ² max.
Maw. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)

Déconnecteurs associés

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

Normes

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

Code article

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