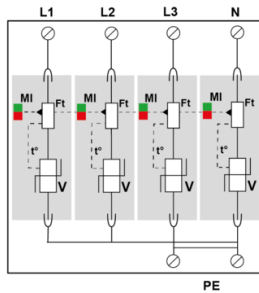
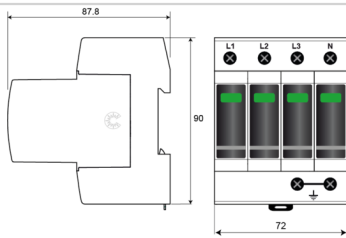




- Type 1 + 2 AC multipolar surge protector
- In : 20 kA
- Iimp: 12.5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.4 compliance



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

#### Electrical Characteristics

SPD type (following IEC tests)		1+2
Network		120/208 V 3-phase+N
AC system		TNS
Max. AC operating voltage L-N	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	230 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)	I <sub>max</sub>	50 kA
Total Maximum discharge current (max. total withstand @ 8/20 μs)	I <sub>max Total</sub>	200 kA
Impulse current by pole (max. withstand 10/350 μs by pole)	I <sub>imp</sub>	12.5 kA
Total lightning current (max. total withstand @ 10/350 μs)	I <sub>total</sub>	50 kA
Specific energy by pole (max. withstand 10/350 μs)	W/R	40 kJ/ohm
Protection mode(s)		L/PE and N/PE
Protection level L/PE (@ In (8/20 μs))	Up L/PE	0.9 kV
Protection level N/PE at 5 kA (@ 5 kA (8/20 μs))	Up-5kA	0.6 kV
Residual voltage L/PE at 5 kA (@ 5 kA (8/20 μs))	Up-5kA	0.6 kV
Admissible short-circuit current	I <sub>sc</sub>	50 000 A

#### Mechanical Characteristics

Technology		VG Technology (MOV+ GSG)
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25 mm <sup>2</sup> (35 mm <sup>2</sup> 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)		MDAC1-13-150
Remote signaling of disconnection		option DAC1-13S-40-150 : output on changeover contact
Dimensions		See diagram - 4TE (EN43880)
Weight		0.527 kg

#### Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		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

821710114

