



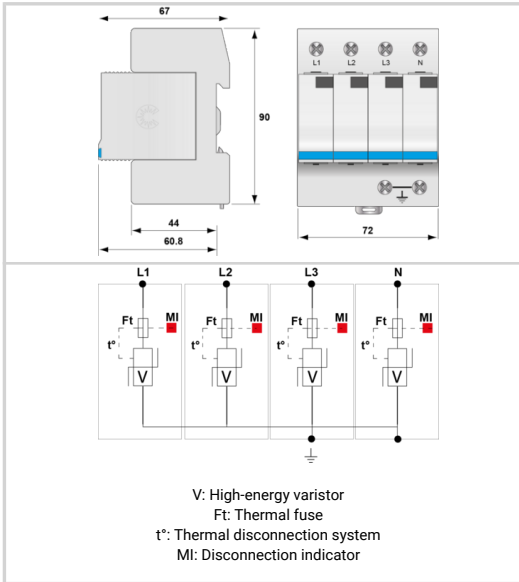
Type 2 (or 3) AC surge protector - 3-phase+N

CITEL

DS14-400



- ↳ Type 2 (or 3) AC Multipolar surge protector
- ↳ In : 5 kA
- ↳ I_{max} total: 40 kA
- ↳ Pluggable module by phase
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics		
SPD type		2 (or 3)
Network		230/400 V 3-phase+N
AC system		IT
Nominal line voltage	U _n	400 Vac
Max. AC operating voltage	U _c	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Residual Current Leakage current to Ground	I _{pe}	< 2 mA
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	10 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total	40 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Residual voltage at 5 kA @ 5 kA (8/20μs)	U _{p-5kA}	1.3 kV
Protection level L/PE @ I _n (8/20μs)	U _{p L/PE}	1.3 kV
Admissible short-circuit current	I _{sc}	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 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
Spare module(s)		DSM10-400
Remote signaling of disconnection		option DS14S-400 : output on changeover contact
Dimensions		See diagram
Weight		0.395 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		20 A min. - 125 A max. - Fuses type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		UL Recognized
Part number		
471402		

