



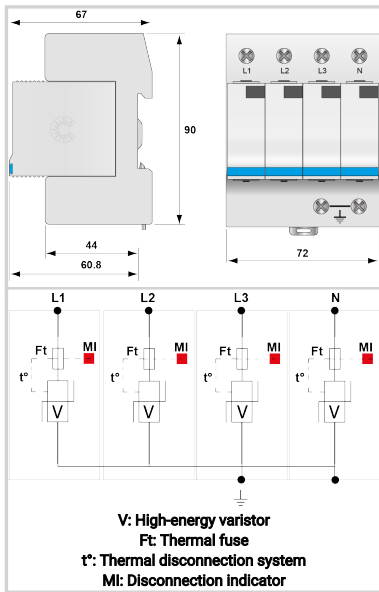
CITEL

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

DS14-400



- ▶ Discover our latest innovation : the [DAC15C-40-440](#)
- ▶ Type 2 (or 3) AC Multipolar surge protector
- ▶ In : 5 kA
- ▶ Imax total: 40 kA
- ▶ Pluggable module by phase
- ▶ Remote signaling option
- ▶ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics

SPD type	IEC	2+3
Network		480 V 3-phase
AC system		IT
Nominal line voltage	Un	400 Vac
Max. AC operating voltage	Uc	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	770 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	< 2 mA
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	40 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	Uoc	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 <i>@ 5 kA (8/20μs)</i>	Up-5kA	1.3 kV
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE	1.3 kV
Admissible short-circuit current	Iscrr	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	Tu	-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

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

