



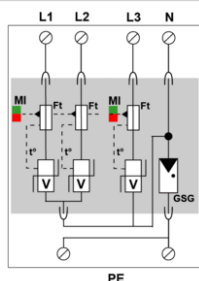
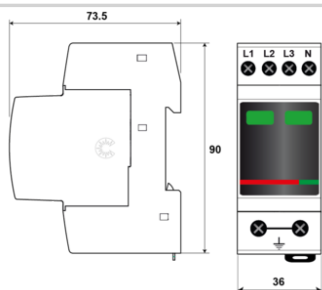
CITEL

Type 2 AC surge protector - 3-phase

DAC40C-31-320



- Compact 3-phase Type 2 surge protector
- In : 20 kA
- Imax : 40 kA
- Common mode/differential
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



V: High-energy varistor
GSG: Specific Gas Tube
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	IEC	2
Network		230/400 V
AC system		TT-TNS
Max. AC operating voltage	Uc	320 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	In	20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	40 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total	40 kA
Protection mode(s)		L/N and N/PE
Protection level L/N @ In (8/20 μ s)	Up L/N	1.5 kV
Protection level N/PE @ In (8/20 μ s)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscrr	10 000 A

Mechanical Characteristics

Technology		MOV+GDT
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 2.5-25mm ² (35mm ² rigid)
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		2 mechanical indicators - Red/Green
Spare module(s)		MDAC40C-31-320
Remote signaling of disconnection		Option DAC40CS-31-320: output on changeover contact
Dimensions		See diagram - 2TE (EN43880)

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG

Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		KEMA

Part number

821520312

