



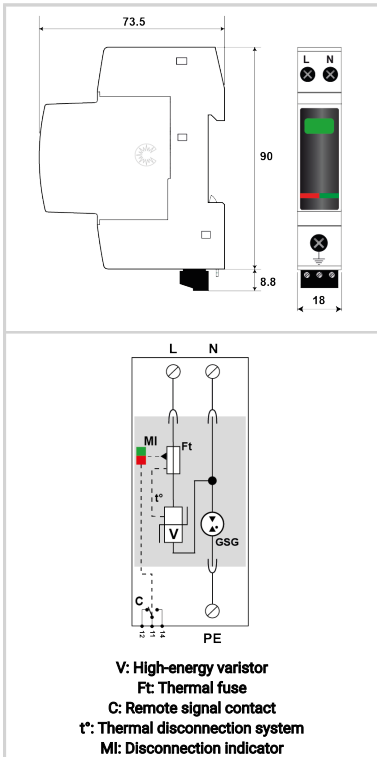
CITEL

Imax 40kA - In 20kA - Modular

DAC40CS-11-150



- ▶ MOV+GSG Technology
- ▶ UL1449 TYPE 4CA
- ▶ 40kA Surge Current Rating per module
- ▶ Visual fault indicator and remote contacts
- ▶ 10-Year warranty



Electrical Characteristics

Network		120 V single-phase
Nominal line voltage	Un	120 Vac
Max. AC operating voltage	Uc	150 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	40 kA
Connection mode(s)		L/N and N/PE
Protection mode(s)		L/PE and N/PE
Residual voltage at 5 kA <i>@ 5 kA (8/20 μs)</i>	Up-5kA	0.6 kV
Protection level L/N <i>@ In (8/20 μs)</i>	Up L/N	0.9 kV
Protection level N/PE <i>@ In (8/20 μs)</i>	Up N/PE	1.5 kV
POWER SPD TYPE		IEC Type 2
VOLTS	(V)	240/120
AC/DC/DC PV/RF		AC
PHASE	(PH)	1S
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+60
MODES		L-L, L-N, L-G, N-G
MLV	(V)	1702/1040/1690/1090
MCOV	(V)	300/150/150/255
IN <i>15 impulses 8/20 μs</i>	(kA)	20
SCCR	(kA)	n/a
IMAX <i>8/20 μs</i>	(kA)	40
Iimp <i>10/350 μs</i>	(kA)	4

Mechanical Characteristics

Technology		MOV+GDT
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)
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
TECHNOLOGY		MOV+GSG
NETWORK CONFIGURATION		2 pole, 2W+G, Single/Spilt Phase
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING		Wall mount
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
FAIL-SAFE BEHAVIOR		Disconnection via fuse-link
REAL-TIME DIAGNOSTICS		Visual indicator and remote contacts



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DIMENSIONS	See diagram
WEIGHT	0.60 lbs
SPARE PART	n/a
Standards	
Certification	KEMA
Environmental standards	EU RoHS
UL STANDARD	
UL CATEGORY	
UL FILE NUMBER	
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
821520121	

