



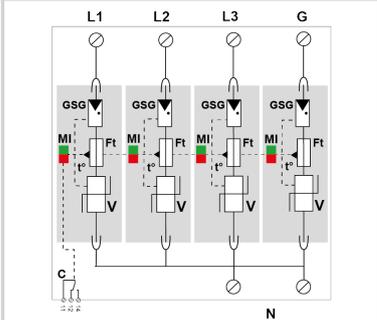
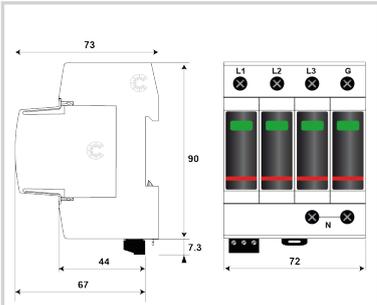
# CITEL

## UL TYPE 4CA - I<sub>max</sub> 50kA - I<sub>n</sub> 20kA - Modular

### DAC54VGUS-277Y



- › VG Technology
- › UL1449 Type 4CA
- › 50kA Surge Current Rating
- › Visual fault indicator and remote contacts
- › 10-Year warranty



**V:** High-energy varistor  
**GSG:** Specific gas tube  
**Ft:** Thermal fuse  
**C:** Remote signaling contact  
**t\*:** Thermal disconnection system  
**MI:** Disconnection indicator

#### Electrical Characteristics

Network		230/400 V 3-phase+N
Max. AC operating voltage	U <sub>c</sub>	275 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	50 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I <sub>max</sub> Total	200 kA
Connection mode(s)		L/PE and N/PE
Protection level N/PE <i>@ I<sub>n</sub> (8/20μs)</i>	Up N/PE	1.5 kV
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
VOLTS	(V)	480/277
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-N, L-G, N-G
MLV	(V)	6720/3360/3360/3310
MCOV	(V)	610/305/305/305
I <sub>N</sub> <i>15 impulses 8/20μs</i>	(kA)	20
SCCR	(kA)	n/a
IMAX <i>8/20μs</i>	(kA)	50

#### Mechanical Characteristics

Technology		VG Technology (MOV+GSG)
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)
Format		Plug-in modular box
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
TECHNOLOGY		MOV-GSG
NETWORK CONFIGURATION		4 pole, 4W+G, 3PH Wye
CONNECTION METHOD		Screw Terminal (4-13AWG)
MOUNTING		Din Rail
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
DIMENSIONS		See diagram
WEIGHT		0.79 lbs

#### Standards

Certification		UL Recognized
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA2
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS

#### Part number

**821130224553**

