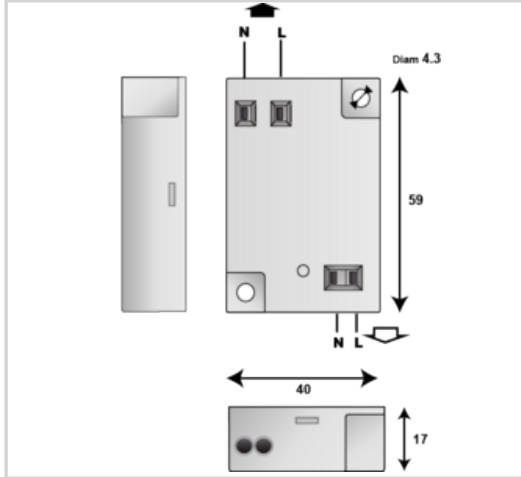


## MLPC1-277L-V/50-Ex



- UL121201 Hazardous Locations
- UL1449 5th ed. Type 2 SPD
- ANSI C136.2
- 120 VAC to 277 VAC
- Plate Mounting
- Screw Terminal Connection
- Series or Parallel Installation
- Status indicator
- Disconnection AC end of life
- Total Surge Rating – I<sub>total</sub>: 20kA



### Electrical Characteristics

Max. load current	IL	5 A
Total Maximum discharge current max. total withstand @ 8 /20 μs	I <sub>max</sub> Total	20 kA
Nominal discharge current C2 Category	I <sub>n</sub>	5 kA
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	..
AC/DC/DC PV/RF		35
A:3D7	(PH)	(
AMPS	(A)	,
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-N, L-G, N-G
GAC	(V)	1500/1500/1200
MCOV	(V)	385/385/255
IN15 impulses 8/20μs	(kA)	,
D55C	(kA)	/
IMAX8/20μs	(kA)	10

### Installation

Wiring type		Screw
Solid wire cross sectionMin	WWe	0.5000
Solid Wire cross sectionMax	WWe	1.5000
Wire gaugeMin	3H9	20.0000
Wire gaugeMax	3H9	16.0000
Torque	Nm	0,25
Torque	in-lbs	2,1
Strip Length	WW	10.0000
Strip Length	TX	0.3900
Operating Relative HumidityMax	%RH	0,
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Thermoplastic
Flammability ratingUL 94		V0
Mounting		Surface mount
IP Environmental ratingIP		IP20
Installation Location		indoor
Product DimensionL	WW	59.0000
Product Dimension:	WW	20.5000
Product DimensionH	WW	40.0000
Product DimensionL	In	2.3200
Product Dimension:	In	0.8000
Product DimensionH	In	1.5700

### Mechanical Characteristics

TECHNOLOGY		MOV-GSG
NETWORK CONFIGURATION		2 pole, 2W+G, Single/Spilt Phase
CONNECTION METHOD		Screw Terminal (4-10AWG)
MOUNTING		FLANGE MOUNT
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
FAIL-SAFE BEHAVIOR		Disconnection via fuse-link
REAL-TIME DIAGNOSTICS		LED Indicator
DIMENSIONS		See diagram (mm)
WEIGHT		0.30 lbs

### Standards

Certification		UL Listed / IMQ
UL STANDARD		UL1449 5th Edition & UL121201
UL CATEGORY		VZCA, VZCA7, VZCH, VZCH7
UL FILE NUMBER		E326289, E527348
UL121201 HAZARDOUS LOCATION		Class I, Division 2, Groups A, B, C & D: Operating Temp. T4A
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ANSI/IEEE C62.41		Category C 20kV/10kA
ANSI/IEEE C136.2		Enhanced Category 10kV/5kA
ENVIRONMENTAL STANDARDS		C@D

### Part number

**897018**