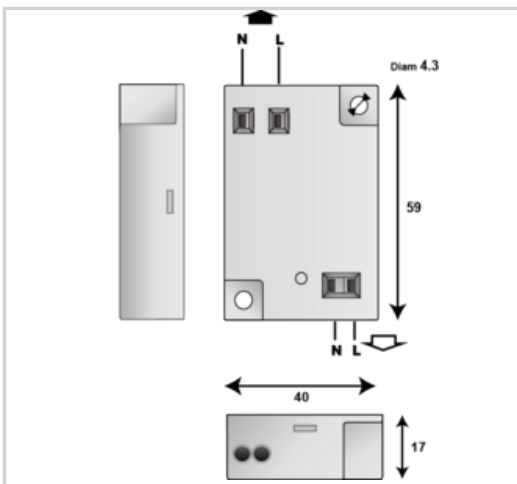


MLPC1-277L-V/50-Ex



- 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_{total}: 20kA



Electrical Characteristics		
Max. load current	IL	5 A
Total Maximum discharge current max. total withstand @ 8 /20 μs	I _{max} Total	20 kA
Nominal discharge current C2 Category	I _n	5 kA
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	277
AC/DC/DC PV/RF		AC
PHASE	(PH)	1
AMPS	(A)	5
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-N, L-G, N-G
VPR	(V)	1500/1500/1200
MCOV	(V)	385/385/255
IN15 impulses 8/20μs	(kA)	5
SCCR	(kA)	18
IMAX8/20μs	(kA)	10
Installation		
Wiring type		Screw
Solid wire cross sectionMin	mm ²	0.5000
Solid Wire cross sectionMax	mm ²	1.5000
Wire gaugeMin	AWG	20.0000
Wire gaugeMax	AWG	16.0000
Torque	Nm	0,25
Torque	in-lbs	2,1
Strip Length	mm	10.0000
Strip Length	in	0.3900
Operating Relative HumidityMax	%RH	95
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	mm	59.0000
Product DimensionH	mm	20.5000
Product DimensionW	mm	40.0000
Product DimensionL	In	2.3200
Product DimensionH	In	0.8000
Product DimensionW	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
WEIGHT		0.30 lbs
Standards		
Certification		UL Listed / IMQ

MLPC1-277L-V/50-Ex

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	ROHS
Part number	
897018	