



## Surge Protection Devices

The Hatch LSP4-UNV surge protection device provides single phase protection for line/neutral, line/ground, and neutral/ground. The LSP4-UNV offers protection for LED luminaires in a small and convenient flat form factor. The surge protector is a **Type 5 SPD** suitable for field or factory installation and is designed to be wired in parallel. The LSP4-UNV also protects Electronic Fluorescent and HID ballasts as well as all other electronic products. The LSP4-UNV is designed to meet the following testing requirements:

Standard	Category
ANSI C136.2-2018	Enhanced Test Level
IEEE C62.41.2-2002	Cat. C High Exposure (10kV, 1.2/50 $\mu$ S & 10kA, 8/20 $\mu$ s)
ANSI C82.77-5-2017	Cat. C Medium Exposure Level (10kV, 1.2/50 $\mu$ s & 5kA, 8/20 $\mu$ s)

## SURGE PROTECTION DEVICE LSP4-UNV



Field or Factory Installable

## SPECIFICATIONS

Input Voltage	120-277V (+/- 5%)		
Frequency	50Hz-60Hz		
Maximum Continuous Voltage	320V		
Maximum Discharge Current	L-N 20kA; L-G, N-G 10kA (8/20 $\mu$ s standard wave)		
Nominal Discharge Current	5kA		
Measured Limiting Voltage (VpK)	L-N	L-G	N-G
	1200	1320	1320
Max Case Temperature	85°C		

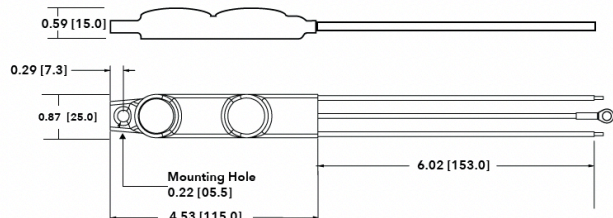
### Pulse Rating (8 x 20 $\mu$ Sec)

Surge Level	# of Strikes	
	L-N	L-G, N-G
10,000A	*2	1
6,500A	4	2
5,000A	30	15
2,000A	200	100
700A	2,000	1,000

\*1 strike at 20,000A

## MECHANICAL DIMENSIONS [MM]

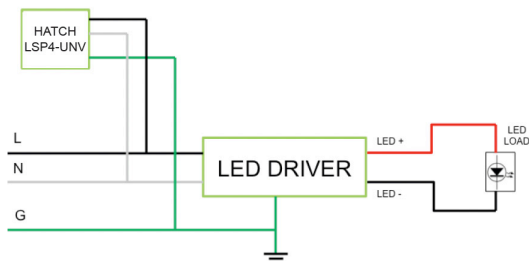
\* Reference Dimensions Only



## DIMENSIONS [MM]

Length	4.53 [115.0]
Mounting Hole	0.22 [5.5]
Width	0.87 [25.0]
Height	0.59 [15.0]

## WIRING DIAGRAM



Specifications are subject to change without notice.

The LSP4 series of surge protection devices are UL type 5 devices and are designed accordingly to meet UL1449 standard. LSP4 surge protection devices are intended to be used in combination with properly rated overcurrent protection and in accordance with the intended application.

## WIRING INFORMATION

Surge Protector Wires	6", Black (L), White (N), Green (G) #14 AWG
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## PACKAGING INFORMATION

Weight	2.00oz
Quantity	100pc/carton

## APPROVALS



## WARRANTY

- 5 year limited warranty



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