



Surge Protection Devices

The Hatch LSP4-20 surge protection device provides single phase protection for line/neutral, line/ground, and neutral/ground. The LSP4-20 offers protection for LED luminaires in a small and convenient flat form factor with thermal protection. The surge protector is a **Type 5 SPD** suitable for field or factory installation and is designed to be wired in parallel. The LSP4-20 also protects Electronic Fluorescent and HID ballasts as well as all other electronic products. The LSP4-20 is designed to meet the following testing requirements:

Standard	Category
ANSI C136.2-2018	Extreme Test Level
IEEE C62.41.2-2002	Cat. C High Exposure (10kV, 1.2/50µs & 10kA, 8/20µs)
ANSI C82.77-5-2017	Cat. C High Exposure Level (20kV, 1.2/50µs & 10kA, 8/20µs)

SURGE PROTECTION DEVICES LSP4-20

Field or Factory Installable



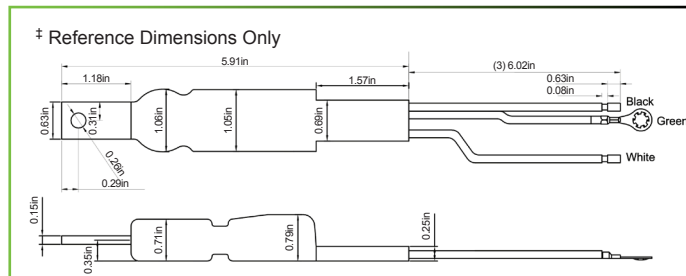
SPECIFICATIONS

Model	LSP4-20-UNV	LSP4-20-480
Input Voltage	120-277V (+/- 5%)	347-480V (+/- 5%)
Frequency	50Hz-60Hz	50Hz-60Hz
Maximum Continuous Voltage	320V	550V
Maximum Discharge Current	20kA (8/20µs standard wave)	
Nominal Discharge Current	10kA	
Max Case Temperature	85°C	
Measured Limiting Voltage (VpK)	L-N, L-G, N-G	L-N, L-G, N-G
	1,600	3,000

Pulse Rating (8 x 20 µSec)

Surge Level	# of Strikes L-N, L-G, N-G
20,000A	1
15,000A	2
10,000A	15
3,000A	120

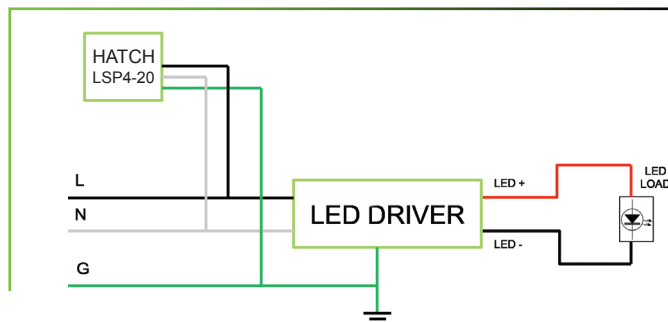
MECHANICAL DIMENSIONS [IN]



DIMENSIONS [IN]

Length	5.91 [150mm]
Mounting Hole	0.26 [6.6mm]
Width	1.05 [26.6mm]
Height	0.80 [20.0mm]

WIRING DIAGRAM



Note: LED Mounting Clip: BIVAR model: C-150-SR
Specifications subject to change without notice.

WIRING INFORMATION

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

Weight: UNV/480	2.56oz
Quantity	50pc/carton

APPROVALS

ROHS
COMPLIANT

UL
US

WARRANTY

- 5 year limited warranty

