

LSP4-UNV

Surge Protection Device

The Hatch LSP4-UNV surge protection device provides single phase protection for line/neutral, line/ground and neutral/ground per recommendations in IEEE C62.41.2-2002 Category C High Exposure (10KV, 1.2/50µS & 10KA, 8/20µS) and the surge limits and testing requirements specified in ANSI C82.77-5-2017 for lighting equipment, Category C Medium Exposure level (10KV, 1.2/50µS & 5KA, 8/20µS). The unit was designed to meet new design requirements for luminaires using LED light engines. The LSP4-UNV offers protection for LED luminaires in a small and convenient flat form factor. The LSP4-UNV is a Type 5 surge protection device and also protects Electronic Fluorescent & HID ballasts as well as all other electronic products.



SPECIFICATIONS:

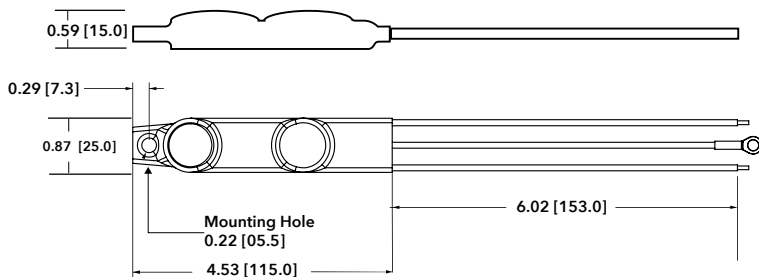
| | | | |
|----------------------------------|--|------|------|
| Input Voltage: | 120-277V (+/- 5%) | | |
| Frequency: | 50Hz-60Hz | | |
| Maximum Continuous Voltage: | 320V | | |
| Maximum Discharge Current: | L-N 20kA; L-G, N-G 10kA (8/20µs standard wave) | | |
| Nominal Discharge Current: | 5kA |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

Pulse Rating (8 x 20 µSec)

| 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 | 2000 | 1000 |

*1 strike at 20,000A

MECHANICAL DIMENSIONS: in [mm] † Reference Dimensions Only



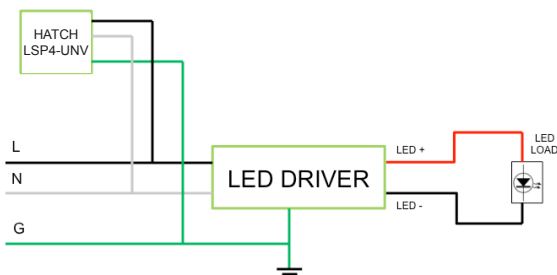
DIMENSIONS [IN/MM]

| | |
|----------------|--------------|
| Length: | 4.53 [115.0] |
| Mounting hole: | 0.22 [5.5] |
| Width: | 0.87 [25.0] |
| Height: | 0.59 [15.0] |

WIRING INFORMATION

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

WIRING DIAGRAM:



PACKAGING INFORMATION

| | |
|-----------|--------------|
| Weight: | 2.00oz |
| Quantity: | 100pc/carton |

WARRANTY

- 5 year limited warranty

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.

Specifications are subject to change without notice.