

LSP4-480

Surge Protection Device

The Hatch LSP4-480 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 LSP4-480 offers protection for LED luminaires in a small and convenient flat form factor. The LSP4-480 is a Type 5 surge protection device and also protects Electronic Fluorescent & HID ballasts as well as all other electronic products.



SPECIFICATIONS:

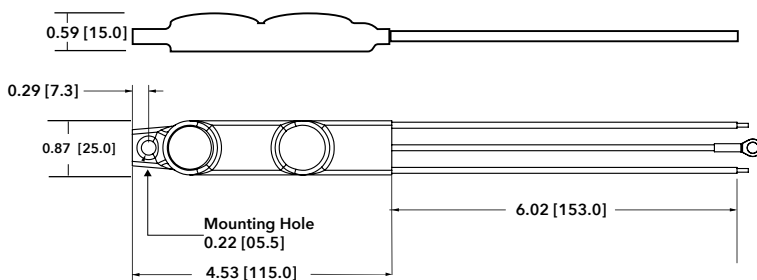
Input Voltage:	347-480V (+/- 5%)		
Frequency:	50Hz-60Hz		
Maximum Continuous Voltage:	550V		
Maximum Discharge Current:	L-N 20kA; L-G, N-G 10kA (8/20µs standard wave)		
Nominal Discharge Current:	5kA		
Measured Limiting Voltage (VpK):	L-N	L-G	N-G
	1880	2140	2140
Max Case Temperature:	85°C		

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



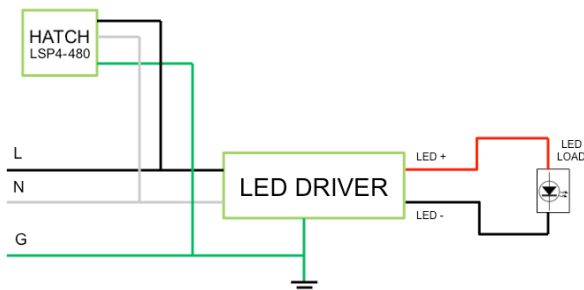
DIMENSIONS [IN/MM]

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:



◆Check with your sales person for availability.
Specifications are subject to change without notice.

PACKAGING INFORMATION

Weight:	2.43oz
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 protectors are intended to be used in combination with properly rated overcurrent protection and in accordance with the intended application