



# HUBBELL

SURGE PROTECTIVE DEVICES

# Hard-Wired SPD

## Hubbell - HBL8W100C

## Hard-Wired Surge Protective Devices

Hubbell HBL8W100C hard-wired SPDs is multi-phase surge protective devices and noise filters in compact and affordable package. The compact designs allow surge suppression to be installed adjacent to power panels or directly on sensitive equipment in harsh electrical conditions.



Hubbell Wiring Devices

1-800-729-3406 [www.hubbell-wiring.com](http://www.hubbell-wiring.com)

# HUBBELL HBL8W100C - HARD-WIRED SPD

## Hard-Wired SPD Features



Hubbell hard-wired systems are versatile and compact surge protective devices designed to provide high-quality surge suppression for a wide variety of commercial, industrial or institutional applications. Hubbell hard-wired devices can be used in a network of surge suppression applications or as a stand-alone surge suppressor.

### Superior Performance

Hubbell HBL8W100C hard-wired SPDs utilize a high-energy suppression circuit that provides from 50,000 to 100,000 peak amps of surge current rating per phase. Hubbell hard-wired SPDs contain a suppression circuit that not only provides additional transient suppression, but also noise filtration.

Hard-wired SPD units provide reliable operation by incorporating the latest engineering developments. Each MOV is individually fused and the products are contained in a NEMA Type 4 housing.

Hubbell hard-wired SPDs incorporate the latest overvoltage technology innovations. The hard-wired series provides superior overvoltage withstand capability for systems with unstable power without compromising transient clamping performance.

### Easy Installation

Hubbell hard-wired SPDs mount directly to the panel through a nipped connection. They allow easy mounting near the circuit breaker in order to reduce lead lengths and improve surge suppression.

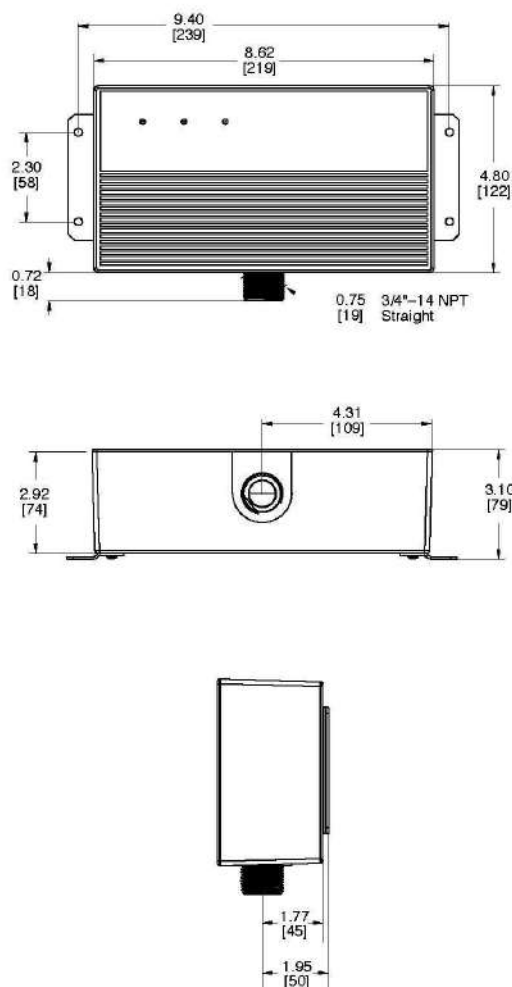
### 10-year Warranty

Hubbell hard-wired SPDs have a 10-year warranty.

FEATURES	ADVANTAGES	BENEFITS
NEMA 4X Enclosure	Allows installation in outdoor applications	Provides surge suppression to vulnerable equipment powered from weather-exposed panels
Overvoltage technology	Superior overvoltage withstand and surge suppression	Longer product life and increased tolerance to unstable power conditions
EMI/RFI Noise Rejection	Increased transient suppression	Improves surge suppression to the equipment
LED Status Indication	Provides visual indication of the suppressor status	Allows immediate response if suppressor is damaged
Suppression Status Alarm	Provides immediate alarm if suppression is ever damaged	Warns if operating with reduced or without surge suppression
Coordinated Fuse Technology	Thermal fuse capable of passing extreme surge currents	Provides premium surge suppression while managing thermal effects from MOV end of life

# HUBBELL HBL8W100C - HARD-WIRED SPD

## HBL8W100C Specifications



### Hard-Wired SPDs



#### Performance

Short Circuit Current Rating	200 kA
Fusing	Individually fused MOVs
Filtering EM/RFI Noise Rejection	Yes

#### Mechanical Description

Dimensions	8.62" x 4.80" x 2.92"
Housing Rating	NEMA 4X
Connection Method	#10 AWG
Mounting Method/Circuit Type	Parallel
Thermal Fusing	Yes
Operating Frequency	50/60 Hz
Operating Altitude	Sea Level-12,000' (3,658 m)
Storage Temperature	-40° F to +149° F (-40° C to +65° C)
Operating Temperature	-4° F to +160° F (-20° C to +71° C)

#### Diagnostics

Green status LED, audible alarm, dry contacts

#### Listings and Performance

cULus 1449 3rd edition Type 2 SPD, UL 1283  
(Wye products only), CSA C22.2 No. 8-M1986

Voltage	Surge Current	Configuration	Model Number	MCOV	In	VPR			
						L-N	L-G	L-L	N-G
277V/480Y	100kA	3 mm, Wye, 4-wire+G	HBL8W100C	320V	20kA	1200V	2000V	2500V	1000V

277/480Y series also applies to the following voltages 220/380Y, 230/400Y, and 240/415Y

Hubbell Wiring Devices

1-800-729-3406 [www.hubbell-wiring.com](http://www.hubbell-wiring.com)