

# Product data sheet

Specifications

**SQUARE D**



## Surge protection device, HEPD, 80kA, 120/240V, 1 phase, 3 wire, SPD type 1

HEPD80

**Product availability : Stock - Normally stocked in distribution facility**

### Main

Product	Surge protection device
Range	Square D
Device Short Name	HEPD
Surge Arrester Type	Electrical distribution network

### Complementary

Voltage Rating	120/240 V AC
MCOV	150 V
SCCR	25 kA
Surge Current	80 kA per phase
Voltage Protection Rating	600 V L-N 600 V L - G 1000 V L - L 900 V N - G
Nominal Discharge Current	10 kA
Rated Current	10 kA
Number of Phases	1 phase
Wiring Configuration	3-wire (isolated ground)
Connection	Wire AWG 14
Local Signalling	1 LED green normal operation 1 LED green off
Product destination	Load center
Cable length	34 in (863.60 mm)
Height	3.23 in (82.04 mm)
Width	3.72 in (94.49 mm)
Depth	2.10 in (53.34 mm)

### Environment

Ambient Operating	-40...149 °F (-40...65 °C)
Enclosure Rating	NEMA 4X
Enclosure Material	non-metallic
Standards	UL 1449

## Ordering and shipping details

Category	08461-SURGE PROTECTION RESI
Discount Schedule	DE1B
GTIN	785901008729
Returnability	Yes
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.50 in (8.89 cm)
Package 1 Width	6.00 in (15.24 cm)
Package 1 Length	8.00 in (20.32 cm)
Package 1 Weight	22.88 oz (648.65 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	8.70 in (22.098 cm)
Package 2 Width	11.00 in (27.94 cm)
Package 2 Length	6.70 in (17.018 cm)
Package 2 Weight	5.45 lb(US) (2.472 kg)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
RoHS exemption information	<a href="#">Yes</a>

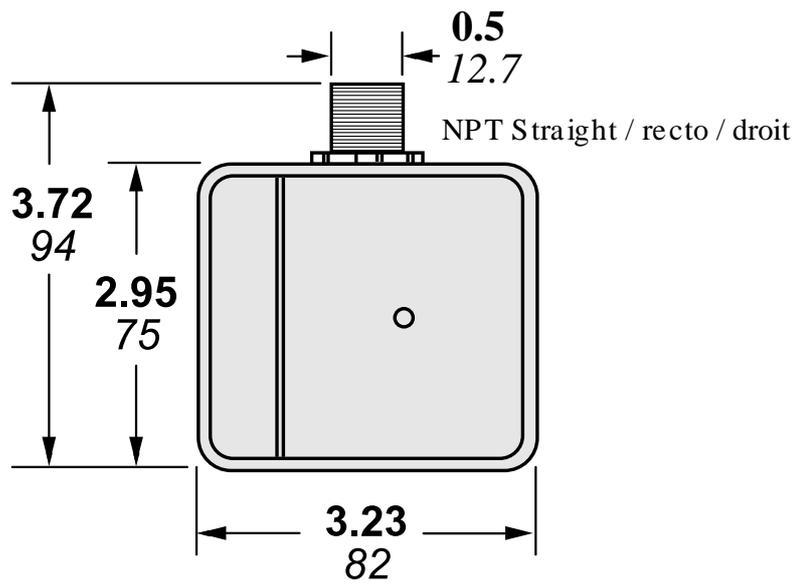
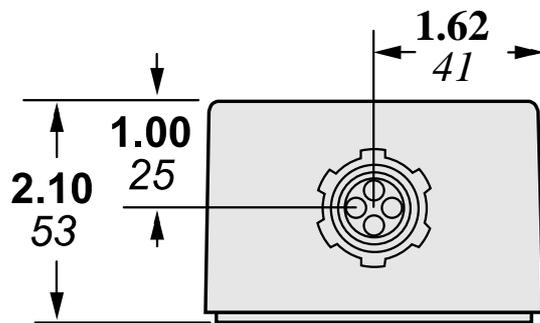
## Contractual warranty

Warranty	18 months
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Dimensions

HEPD50 / HEPD80

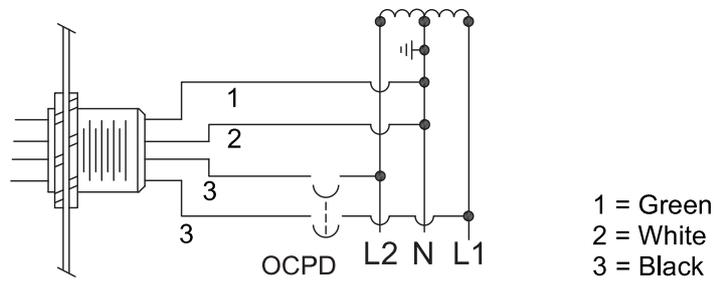
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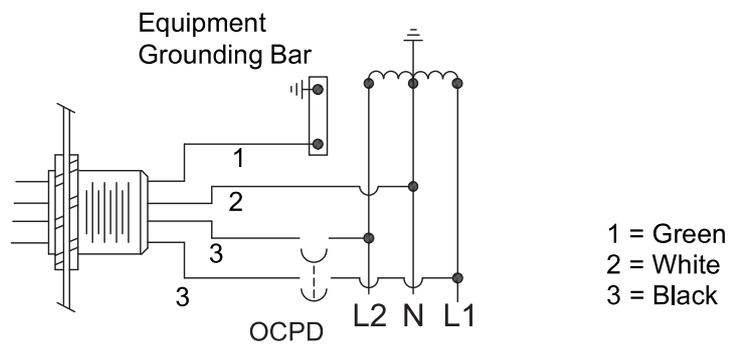
Wiring Diagram

Typical AC Surge Module Wiring Connection Diagrams

Refer to document number NVE82551 for installation instructions.



Service Entrance without Grounding Bar  
120/240 V 1Ø, 3-Wire Circuit  
OCPD = Over Current Protection Device



Sub Panel or Service Entrance with Grounding Bar  
120/240 V 1Ø, 3-Wire Circuit  
OCPD = Over Current Protection Device

Recommended replacement(s)