

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 (863.6 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 CUL UL 1449:ed. 4: type I

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Ordering and shipping details

Category	US1DE1B08461
Discount Schedule	DE1B
GTIN	785901008729
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.20 in (8.128 cm)
Package 1 Width	6.00 in (15.240 cm)
Package 1 Length	8.00 in (20.320 cm)
Package weight(Lbs)	17.120 oz (485.343 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	6.80 in (17.272 cm)
Package 2 Width	8.70 in (22.098 cm)
Package 2 Length	11.20 in (28.448 cm)
Package 2 Weight	3.620 lb(US) (1.642 kg)

Contractual warranty

Warranty	5 years
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

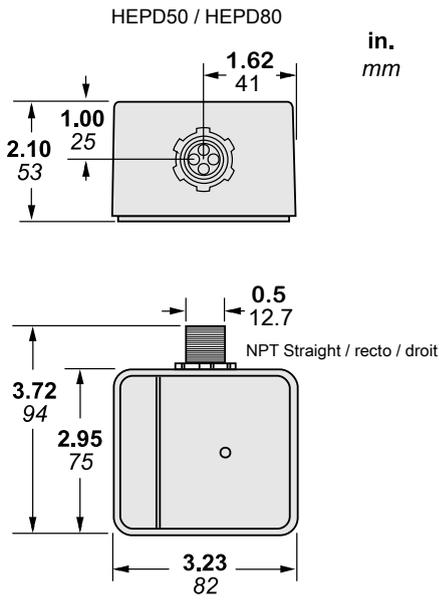
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Technical Illustration

Dimensions

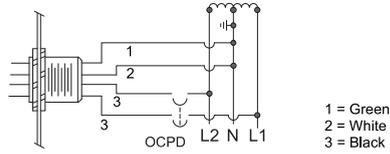


Technical Illustration

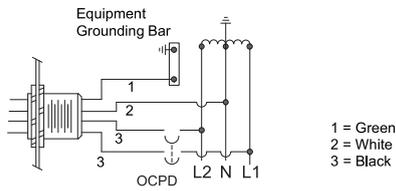
Wiring diagram

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

Image of product / Alternate images

Alternative

