Square D (Schneider Electric) HEPD80 Home Electronics Protective Device, Type 1 SPD, 80 kA



Dimensions	3.72″ W × 3.23″ H × 2.1″ D
Material	Non-metallic NEMA 4X enclosure
Electrical	volts: 120/240 V AC 1-ph 3-wire, MCOV 150 V · plug: 14 AWG leads (34 in) into a 2-pole breaker or lugs per the instructions
Where it goes in UNIT5.xyz	Nipple-mounted on the side of the subpanel through a knockout, with leads kept short.
Warranty	18 months (Schneider datasheet)
Made in	Mexico

The manufacturer's spec sheet follows on the next page.

Product data sheet

Specifications



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 14 AWG
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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	2.600 in (6.604 cm)
Package 1 Width	3.400 in (8.636 cm)
Package 1 Length	5.800 in (14.732 cm)
Package weight(Lbs)	15.280 oz (433.180 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	3.900 in (9.906 cm)
Package 2 Width	7.500 in (19.050 cm)
Package 2 Length	8.100 in (20.574 cm)
Package 2 Weight	3.080 lb(US) (1.397 kg)

Contractual warranty

Warranty (in months)	18

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 >

Environmental footprint

Total lifecycle Carbon footprint	**240 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**236 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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

Recyclability potential, in %	**9**
Circularity Profile	**End of Life Information**
Take-back	**No**

Image of product / Alternate images

Alternative

