

Surge Protective Devices (SPD)

Table 1.73: Load Center and CSED Surge Protection Devices

Description	Cat. No.	Description	Surge Current per Phase	Schedule
Surge Protective Devices	QO2175SB	QO Surgebreaker	22.5 kA	DE1B
	HOM2175SB	HOM Surgebreaker	22.5 kA	DE1B
	HEPD25	1Ø3W—120/240 V Compact SPD	25 kA	DE1B
	SDSA2040	3Ø4W—208Y/120 V Compact SPD	40 kA	DE1B
	SDSA2040D	3Ø3W—240 V Compact SPD	40 kA	DE1B
	QO250PSPD	QO Plug-on Neutral SPD	50 kA	DE1B
	HOM250PSPD	HOM Plug-on Neutral SPD	50 kA	DE1B
	HEPD50	SurgeArrest Whole Home Electronic Protection	50 kA	DE1B
	HEPD80	SurgeArrest Whole Home Electronic Protection	80 kA	DE1B
Surge Protective Device Mounting Kits	HEPD25MKF	HEPD25 Flush Mount Kit	—	DE1B
	HEPD58MKF	HEPD50 and HEPD80 Flush Mount Kit	—	DE1B



HEPD25



HEPD50



HEPD80



QO250PSPD



HOM250PSPD



QO2175SB



HOM2175SB



Whole Home Surge Protection

HEPD Whole House devices are designed to deliver superior AC surge protection for the entire AC power system in a home. HEPDs are compact in size and are designed to protect AC wires in the home from surges that could affect home electronics and appliances not connected to surge strips.

cULus Listed to the latest UL 1449 standard, UL Type 1 SPD, CSA C22.2 No. *-M1986, C233.1-87.

- 120/240 Vac
- Max surge current ratings available: 50 and 80 kA
- NEMA 4X rate for indoor or outdoor applications
- LED status indicators
- Compatible with all brands of load centers
- Flush Mount Kit sold separately - see table below
- HEPD25: 3 year/\$30,000 connected equipment warranty
- HEPD50: 3 year/\$50,000 connected equipment warranty
- HEPD80: 5 year/\$75,000 connected equipment warranty

Table 6.10: HEPD Whole House Surge Protective Devices

Description	Surge Current Rating	Cat. No.
HEPD25	25 kA	HEPD25
HEPD25MKF Flush Mount Kit		HEPD25MKF
50kA Home Electronic Protective Device	50 kA	HEPD50
80kA Home Electronic Protective Device	80 kA	HEPD80
Flush Mount Kit for HEPD50/HEPD80		HEPD58MKF

Plug on Neutral QO™ and Homeline™ Load Center SPDs

Plug-on Neutral QO™ and HomeLine™ Load Center Surge Protective Devices

The industry's first exclusive Plug on Neutral (PoN) Surge Protective Device (SPD). Square D™ load center PoN SPDs are a simple and quick installation. It's as easy as snap, click, done! PoN SPDs are easier to install than a standard circuit breaker. No wires are needed for installation. The PoN SPD simply plugs on to the bus and neutral bar. The surge suppressors use two-pole spaces in a QO™ or HomeLine™ load center.

US and Canadian UL® Listed as Type 2 SPD to the UL 1449 standard. Complies with requirements of NEC® Article 285, CSA 233.1-87, and CSA C22.2 No. 8-M1986 as appropriate.



- Industry First: No wires or tools required for installation
- Installation Flexibility: Works on Plug-on Neutral design QO or HOM loadcenters using two-pole spaces
- Whole House Protection: 50 kA surge current capacity per phase
- LED indicates operational status
- Peace of mind: 5 year/ \$50,000 connected equipment warranty

Table 6.11: QO™, NQ, and HomeLine™ Load Center Surge Protective Device

Description	Cat. No.
Plug on Neutral QO™ Surgebreaker	QO250PSPD
Plug on Neutral Homeline™ Surgebreaker	HOM250PSPD

QO™, NQ, and HomeLine™ Load Center Surge Protective Devices

Square D™ load center surge protective devices are easy to install plug-in units that install as quickly as a standard circuit breaker. The surge suppressors use two pole spaces in a QO™ or Homeline™ load center, or NQ panelboard.

US and Canadian UL® Listed as Type 2 SPD to the UL 1449 standard. Complies with requirements of NEC® Article 285, CSA 233.1-87, and CSA C22.2 No. 8-M1986 as appropriate.



- QO2175SB for QO™ load centers, combination devices, and NQ panelboards
- HOM2175SB for Homeline™ load centers and combination devices
- Requires two pole spaces
- LED indicates operational status
- 22.5 kA per phase

Table 6.12: QO™, NQ, and HomeLine™ Load Center Surge Protective Devices

Description	Cat. No.
QO™ Surgebreaker for QO and NQ	QO2175SB
HomeLine™ Surgebreaker	HOM2175SB