

QO Plug-on Neutral SPD Whole Home Surge Protection

Square D Residential Surge Protective Devices

The Square D™ QO™ Plug-on Neutral Surge Protective Device (SPD) is a compact and affordable surge suppressor designed for installation into QO Plug-on Neutral residential load centers and CSED's.

This device reduces surges that might otherwise overwhelm plug strips and damage connected household equipment. It also provides surge suppression for important items that are not compatible with plug strips such as washers, dryers, refrigerators, stoves, and lighting. It is estimated, that modern homes have up to \$15,000 worth of electronics, and may experience up to 100 surges per month that can degrade or damage your electronics shortening their life. Enjoy piece of mind, while saving time and money on installation with the industry's easiest to install whole home Surge Protective Device.

QO Loadcenter Plug-on Neutral SPDs

Superior Performance

Square D brand Surgelogic QO loadcenter SPD's utilize high-energy circuitry that provides surge suppression from severe transient activity. Each MOV is individually fused.

Directly connected to the equipment bus, the QO250PSPD delivers superior surge suppression performance by eliminating lead lengths.

Easy Installation

Quick Plug-on Neutral device for use in a QO Plug-on Neutral loadcenters. The SPD requires two adjacent mounting spaces.

QO Plug-on Neutral SPD is the quickest way to install whole home surge protection, and ease of installation saves time and money.

Warranty

The QO250PSPD warranty is 5 year/\$50,000 downstream connected equipment protection



QO250PSPD

Features

- Whole Home Surge Protection for use with Square D QO Plug-on Neutral loadcenters
- Plug-on Neutral connectivity — Easy to install, no wiring needed
- Provides whole home surge protection for electronics that may or may not be protected by surge strips. 50kA surge current capacity from internal and external surges
- Easy-to-understand visual status: LED indicator lights: Lets you know when the SPD is actively protecting your home
- Peace of Mind: 5 year/\$50,000 connected equipment limited liability warranty

[schneider-electric.us](https://www.schneider-electric.us)

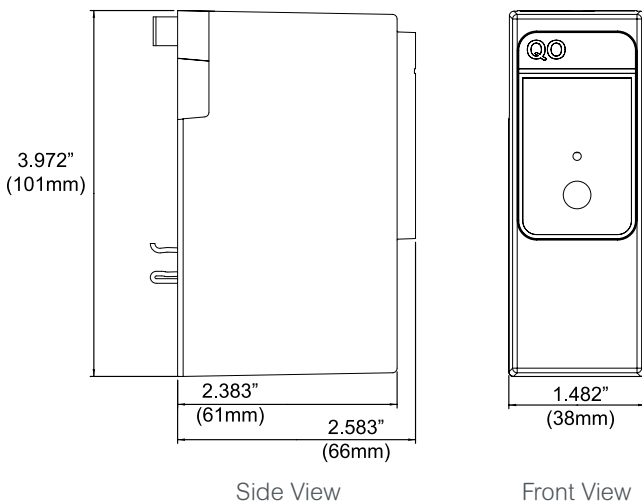
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SQUARE D™
by Schneider Electric

QO Loadcenter Plug-on Neutral SPDs



Rear View



QO250PSPD SPDs

Performance

Surge Current Rating per Phase	50kA
Short Circuit Current Rating	22kA
Modes of Protection	3
Fusing	Individually fused MOVs
Thermal Fusing	Yes
Overcurrent Fusing	Yes
Operating Frequency	50/60 Hz

Mechanical Description

Enclosure	Non-metallic
NEMA Rating	Type 1
Connection Method	Quick Plug-on
Weight	0.54 lbs
Operating Altitude	Sea Level-12,000' (3,658 m)
Storage Temperature	-4° F to 149° F (-20° C to 65° C)
Operating Temp.	-4° F to 149° F (-20° C to 65° C)

Diagnostics

Green status LED

Listings and Performance

cULus Listed per UL 1449 Type 1 SPD, CSA C22.2 No. 269.1, C233.1

Voltage	Surge Current per Phase	Modes of Protection	Configuration	Model Number	MCOV	SCCR	I _n	VPR			
								L-N	L-G	L-L	N-G
120/240V	50kA	3	Plug-on Neutral Jaws	QO250PSPD	150V L-N, 300V L-L	22kA	20kA	500V	N/A	900V	N/A

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