

QSPD2A035B Series Installation Instructions

SIEMENS

These instructions are intended as a guide for installing the Siemens QSPD series of surge protective devices into any QSPD-approved loadcenters. It is the installer's responsibility to ensure the proper device is selected for the voltage system of the application.

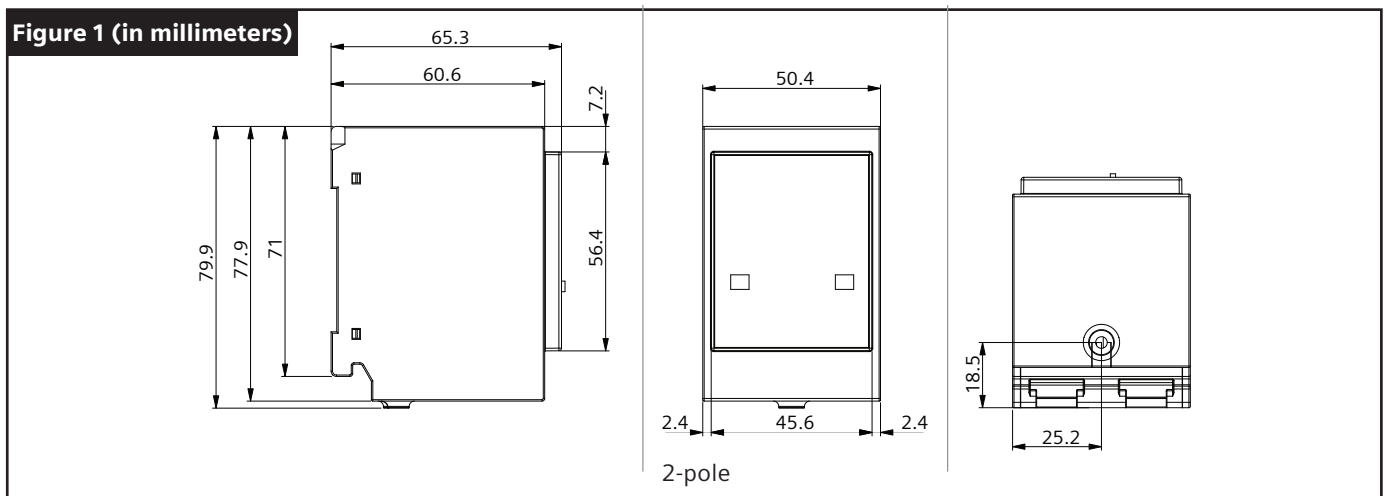
Catalog no.	System voltage	SCCR (system rating)	Surge current rating	Poles	VPR rating L-N/L-G	Other specifications
QSPD2A035B	120/240V, 1Ø, 3W 208Y/120V, 1Ø, 3W	22kA	35kA	2	700V	- UL Type Designation: SPD Type 1, also suitable for use in Type 2 applications - Nominal Discharge Current (In): 20kA 2-pole plug on configurations in QP footprint - Green/Red mechanical flag indicators - Pre-wired #14 AWG (solid copper stranded)

The Siemens QSPD surge protector will fit any Siemens product that will accept either a Siemens 2-pole or 3-pole QP type breaker. Please note that there are some meter combo exceptions that are "half bus" and therefore not compatible with the QSPD installation. See incompatibility list below:

MC1224B1100ESC	MM0406L1125ESC	MM0202L1200ESC	MC0816B1200EST	MC0816B1200EFN	MC2442B1225EFC
MC1224B1100EFC	MM0202B1100ESC	MM0406L1200ESC	MC2040B1200EFC	MM0202B1200ESC	MC0816S1200SCT
MM0202L1125ESC	MC1224B1125ESC	MM0202L1200EFC	MC0816B1200ESN	MC2442B1200EFV	MC2442S1200SC
MM0202L1125EFC	MC1224B1125EFC	MC2040B1200ESC	MC2442B1200ESV	MC2442B1225ESC	MC2442S1200FC

This model only has one configuration (see Figure 1):

Visit usa.siemens.com/surge under the "residential surge protection" for Boltshield Warranty details.



Mechanical features:

A mechanical failure indicator is included on this product. This monitors the integrity of the SPD and alerts the user, using visual means, in the event of failure. A green flag indicates that the SPD is operational. Upon failure of any of the MOVs in the SPD, the green flag will change to a red flag. The unit now needs to be replaced.

Note: the Mechanical Flags do not illuminate since they are not LED lights.

BoltShield™
SIEMENS

QSPD Series
Surge Protective Device

SPD Type: SPD Type 1; SPD Type 2
Rated Line Voltage: 120 VAC; 50/60 Hz
SCCR: 22 kA

GREEN = Full Protection
RED = No Protection (replace SPD)

Mechanical Indication

QSPD2A035B

usa.siemens.com/surge

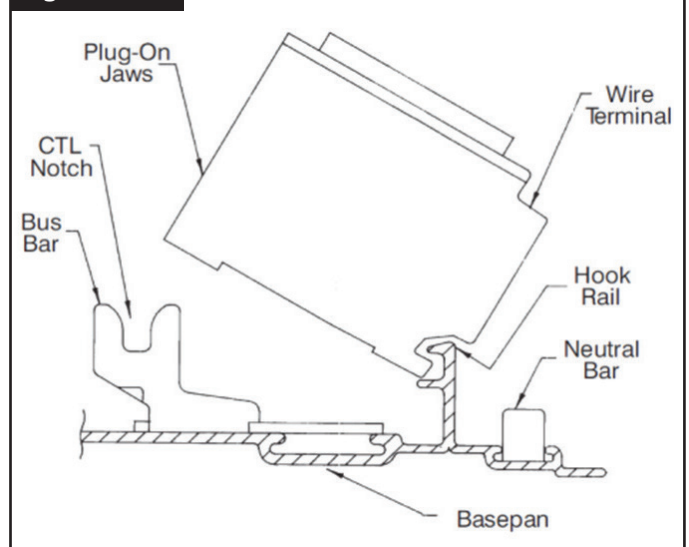
 	⚠ Danger Hazardous Voltage. Will cause death or serious injury. Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.	⚠ Peligro Tensión peligrosa. Puede causar la muerte o lesiones graves. Desenergice totalmente antes de instalar o darle servicio. Reemplace todas las barreras y cubiertas antes de energizar el interruptor.	⚠ Danger Tension dangereuse. Danger de mort ou risque de blessures graves. Couper l'alimentation de l'appareil et barrer avant de travailler. Remplacez tous les couverts avant que l'alimentation de pouvoir soit alimenté.
--	---	--	---

Installation Procedure:

1. This device is suitable for use on a circuit capable of delivering not more than 200kA rms symmetrical amperes.
2. Turn off and lock out the power to the load center in which the device is to be installed.
3. Remove the panelboard/load center cover/deadfront.
4. Engage the back of the device with the mounting tabs in the load center. Push down firmly on the front of the device to engage the load center line terminal stabs (Figure 2).
5. On a single-phase connect the white pigtail wire from the SPD unit to the neutral bus bar, making the wire as straight and short as possible. Torque per load center markings, or 5-7 lbs-in.

Note: If the user is connecting the single-phase SPD to the ground bus bar in order to change/increase the modes of protection or increase the surge current capacity, wrap the white wire with green electrical tape as per code.
6. Replace the load center cover/deadfront and restore load center power.
7. Verify that all mechanical indicator flags are green for all QSPDs installed.

Figure 2



usa.siemens.com/surge

Legal Manufacturer

Siemens Industry, Inc.
3617 Parkway Ln
Peachtree Corners, GA 30092
United States of America
Telephone: +1 (800) 333-7421
www.usa.siemens.com/surge
Order No. CBIM-QS2A-1125
© 11.2025, Siemens Industry, Inc.

This document contains a general description of available technical options only, and its effectiveness will be subject to specific variables including field conditions and project parameters. Siemens does not make representations, warranties, or assurances as to the accuracy or completeness of the content contained herein. Siemens reserves the right to modify the technology and product specifications in its sole discretion without advance notice.