



FirstSurge 060 / 100 / 140



FSPD 036



FSPD060, -100, -140

FIRSTSURGE AND FSPD

Surge Protection Device Comparison

[siemens.ca/powerdistribution](https://www.siemens.ca/powerdistribution)

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Features/Specifications	FirstSurge	FSPD
SCCR	100kA	200kA
I-nominal	20kA	20kA
System Voltage	Rated for 120/240 split phase panels when connected to a max 30A breaker	120/240V, 1 phase, 3W
UL & CSA	1449 listed	UL 1449 listed & CSA C22.2 No. 269
Modes of Protection	L-N, L-G, N-G and L-L	FSPD036 - Reduced mode of protection (L1-N, L2-N) FSPD060, -100, -140 - All modes of protection (L-N, L-G, N-G)
Suppression Architecture	Integrated Thermally Protected Metal Oxide Varistors	Custom MOV design for high energy handling in Category C locations
EMI/RFI Filtering	No	Yes (FSPD060, -100, -140)
SPD Type	Type 2	FSPD036 - Type 2 FSPD060, 100, 140 - Type 1
Audible Alarms	Yes	FSPD060, -100, -140 - Phase Loss Monitoring, Audible Alarm
Visual Indicators	Protection Status Green LEDs and Flashing Red Service LED	3 Green LEDs and 1 Red LED (fault condition)
Dry Contacts	No	Yes
Warranty	10 year product and connected equipment warranty	10 year product warranty
Surge Current Rating	FirstSurge Power FS060 - 60kA FirstSurge Plus FS100 - 100kA FirstSurge Pro FS140 - 140kA	FSPD036 - 36Ka FSPD060 - 60kA FSPD100 - 100kA FSPD140 - 140kA
Mounting	Installs on any brand load center	External parallel connected for mounting next to electrical distribution equipment
Enclosure	NEMA 4X	NEMA 4X
VPRs	FS060, -100, -140	FSPD060, -100, -140
L-N:	600V	700V
L-G:	600V	700V
N-G:	600V	700V
L-L:	900V	1200V
		FSPD036 700V L-N, 1200V L-L
Rated Voltage (MCOV)	150V – L-N, L-G, and N-G; 300V – L-L	150V