

SURGE SENTRY DATA SHEET

SS190



ELECTRICAL SPECIFICATIONS

AC Power. SPD Type	Parallel Connected, UL 1449 Listed Type 1 & 2
Maximum Transient Surge Current Rating	384 kA Per Phase/192 kA Per Mode
Protection Modes	L-L, L-N, L-G, N-G
VPR	1000/700/700/700 (208 V) 1800/1000/1200/1000 (277/480 V)
Noise Filtering	UL 1283 EMI High Frequency Noise Deduction
MCOV	300/150/150/150 (208 V) 640/320/320/320 (480 V)
IMAX	192 kA
SCCR	200 kA
MOV Fusing	Individual for Fault Tolerance
TOV Protection	Multiple TP-MOV Design
Standard Diagnostics	Field Test Capable, % Protection Indication, Audible Alarm, Remote Contacts
Standard Surge Event Counter	Counts Indicate Number of Events Diverted

OVERVIEW

Superior protection in a compact, NEMA 4 design using multiple thermally-protected metal oxide varistors (TP-MOV) monitored to provide indication of protection status. This model has been tested to an IMAX of 192 kA with outstanding voltage protection rating (VPR) test ratings. For ease of installation, each unit comes with six feet of #8 AWG conductors, and a disturbance counter for investment and status feedback.

STANDARDS

UL Standard	UL1449 5th Edition
UL Category	VZCA, VZCA7
UL File Number	E538583
Standards	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Environmental Standards	ROHS

MECHANICAL SPECIFICATIONS

Configurations	Single/Split/Three Phase; 120/208/240/277/480 V; Wye or Delta
Connecting Method	Pre-wired with Six Feet of #8 AWG Conductors
Mounting	Surface or Flange Mounted
Enclosure	Steel, NEMA 4 Outdoor Rated
Dimensions & Weight	8.25in x 6.5in x 3.75in, 6 lbs

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VOLTAGE CONFIGURATIONS

MODEL NUMBER	VOLTAGE	CONFIGURATION (all models with -C include surge counter)
SS-190-120/208-3Y-C	120/208	For 120/208 V Wye, three phase
SS-190-120/240-2G-C	120/240	For 120/240 V split phase
SS-190-208-3D-C	208	For 208 V Delta, three phase, no neutral
SS-190-277/480-3Y-C	277/480	For 277/480 V Wye, three phase
SS-190-480-3D-C	480	For 480 V Delta, three phase, no neutral



PRODUCT DIMENSIONS

