



FOR EXTERNAL MOUNTING

TPS4 13 Surge Protection Devices

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

Product specifications

General specifications

Maximum surge current rating range	Standard - 100-400kA per phase
UL Type designation	SPD Type 1 and 2
UL 1449 & CSA C22.2 No. 269 I-nominal rating	20kA
UL 1449 & CSA C22.2 No. 269 short circuit current rating	200kA
Repetitive impulse	5,000 hits
Response time	< 1/2 ns

Physical specifications

Humidity range	0-95% non-condensing
Operating frequency	0-600Hz
Operating temperature	-25°C to +75°C
Dimensions in inches (mm)	9.35" (237) x 8.14" (207) x 3.25" (83)
Weight	5.4 lbs (2450 g)
Typical connection	#10 AWG (pre-wired) 30A breaker
Enclosure	NEMA 4 Aluminum

Diagnostic monitoring specifications

Green LEDs per phase
Red service LED
Audible alarm with silence switch
Form C dry contact, 240V, 5A
Event counter with time and date stamp

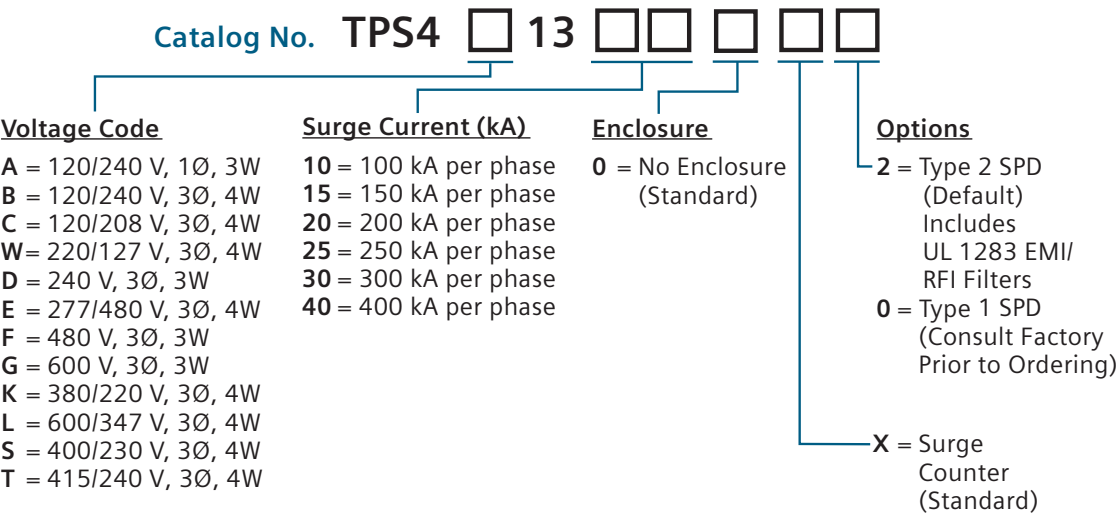
Design specifications

Stacked MOV design for high energy handling in Category C locations
Distribution grade 34mm thermally protected MOVs
External parallel connected for mounting next to electrical gear

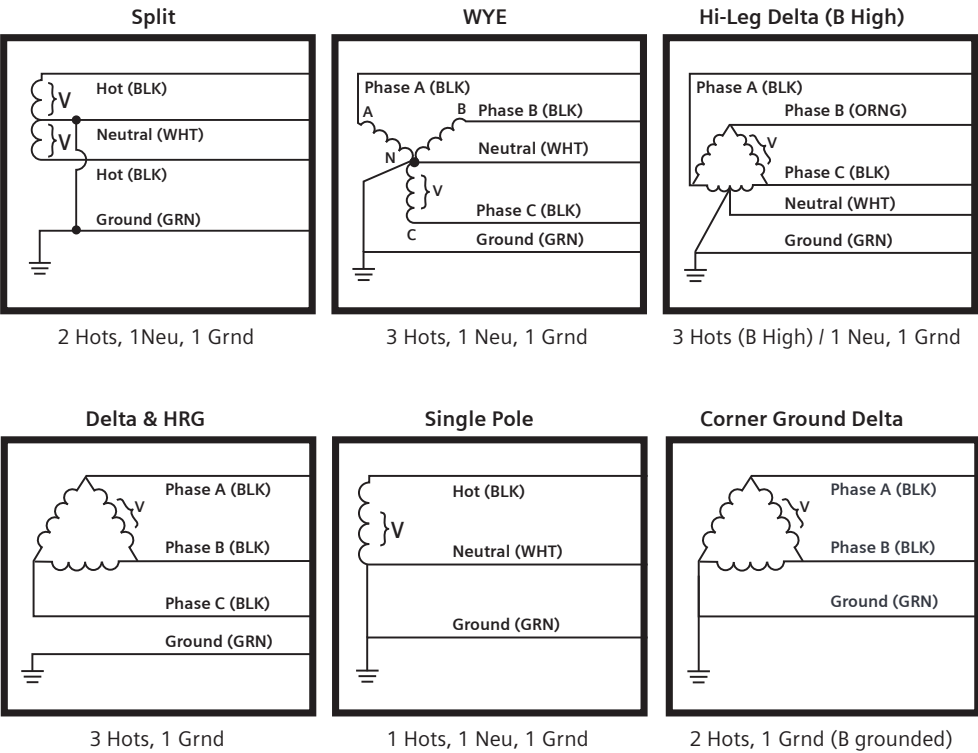
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Model Number Catalog Logic

TPS4 13 SPD for External Mounting
General Suppressor Series



Wiring Configurations



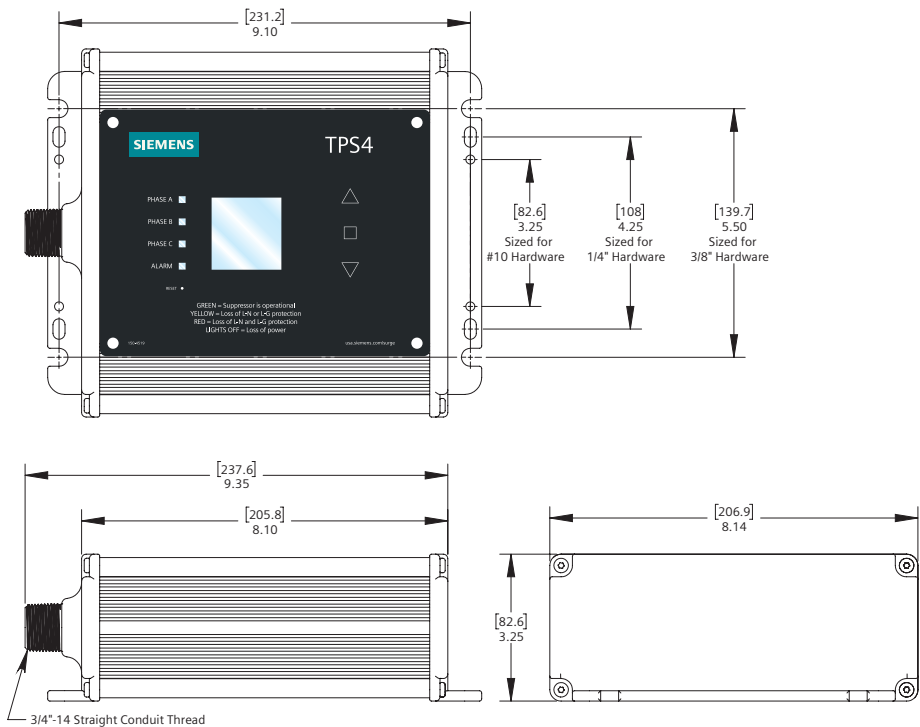
TPS4 13

Voltage Code	System Voltage	L-N	L-G	L-L	N-G	MCOV
A	120/240V, 1Ø, 3W	600	700	900	600	150
B	240/120V, 3Ø, 4W	1200	1800	2500	1000	180
C	208Y/120V, 3Ø, 4W	600	600	1000	600	150
W	220/127V, 3Ø, 4W	600	700	1000	600	180
D	240V, 3Ø, 3W	-	1000	1000	-	275
E	480Y/277V, 3Ø, 4W	1200	1200	2000	1200	320
F	480V, 3Ø, 3W	-	1800	1800	-	550
G	600V, 3Ø, 3W	-	2000	2000	-	680
K	380Y/220V, 3Ø, 4W	1200	1200	2000	1200	320
L	600Y/347V, 3Ø, 4W	1500	1500	2500	1500	440
S	400Y/230V, 3Ø, 4W	1200	1200	2000	1200	320
T	415Y/240V, 3Ø, 4W	1200	1200	2000	1200	320

Standards compliance and certifications

UL 1449 5th Edition, cUL, UL1283, CSA C22.2 No 269.1 & .2, ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002, NEC Article 285
ISO 9001:2014 Quality Management System, ISO 17025:2007 Laboratory Certification (UL DAP Program), 100% Quality Tested prior to shipping

Product Diagram [in millimeters] and inches



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