

SPD - Surge Protective Devices

TPS3 Integral or Internally Mounted SPDs

Selection

TPS3 02 and TPS3 L2 (True or Discrete 10-Mode)

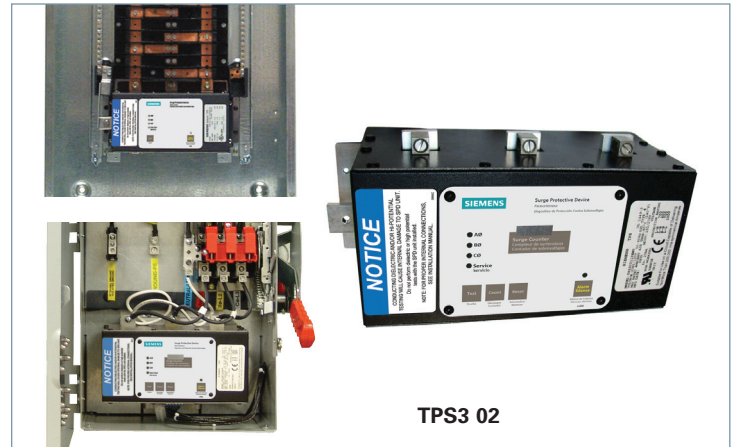
Siemens TPS3 02 and L2 surge protective devices are designed for integration within our Revised P1 power distribution panel boards. The TPS3 01 and L1 SPDs feature Ground Integrity Monitoring (GIM) diagnostics.

TPS3 02 and TPS3 L2 Key Features

- UL 1449-4 Type 2 SPD and UL 1283 Listed
 - Optional UL 1449 4th Edition Recognized Type 1
- Type 1 / Type 2 SPD
- 100 - 300 kA Per Phase Surge Current
- Large block, individually fused, thermally protected, 50kA MOVs
- 20 kA I_n (Most models)
- 200 kA SCCR (Most models)
- UL 96A Lightning Protection Master Labeling compliant (@ 20 kA)
- Large block, individually fused, thermally protected, 50kA MOVs
- Every MOV is monitored, including N-G
- Mounts internal to:
 - Revised P1 Lighting Panelboards
- Consult factory for field retrofit in P1 panels
- Modes of Protection: L-N, L-G, N-G, and L-L
- All UL required OCP & safety coordination included
 - Type 1 SPDs intended for Line or Load side of Main Disconnect
 - Type 2 SPDs intended for Load side of Main Disconnect
- Standard Monitoring: LED Indicators, Surge Counter, Dry Contacts, Audible Alarm w/ silence switch & test button
- Dimensions: 11.6" x 5.7" x 4.9"
(294.6 mm x 144.8 mm x 124.5 mm)
- Weight: 4.55 lb. (2.06 kg)
- 10 Year Product Warranty

Available Options:

- Direct bus connected
Can be wired to a circuit breaker (consult factory at time of order or see installation manual for retrofit)



TPS3 02

Ordering Information

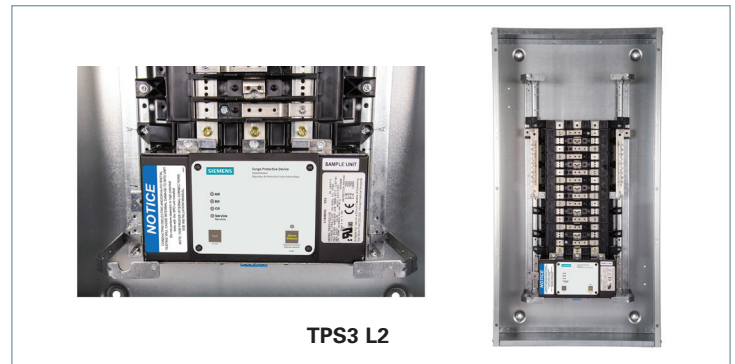
Catalog # TPS3 02

Voltage Code	Surge Current (kA)	Options
A = 120/240 V, 1Ø, 3W	10 = 100 kA per phase	X = Surge counter (Standard)
B = 120/240 V, 3Ø, 4W	15 = 150 kA per phase	2 = Type 2 SPD (Default)
C = 120/208 V, 3Ø, 4W	20 = 200 kA per phase	Includes UL 1283 EMI/RFI Filters
D = 240 V, 3Ø, 3W	25 = 250 kA per phase	0 = Type 1 SPD
E = 277/480 V, 3Ø, 4W	30 = 300 kA per phase	(Consult Factory Prior to Ordering)
F = 480 V, 3Ø, 3W		
G = 600 V, 3Ø, 3W [Ⓢ]		
K = 380/220 V, 3Ø, 4W		
L = 600/347 V, 3Ø, 4W		
S = 400/230 V, 3Ø, 4W		

Example: **TPS3C0220X2** = Type 2 SPD (Default) for a 208/120V panelboard with a surge current capacity of 200 kA per phase and a surge counter.
When an option is not selected, include a **zero (0)** in the field.

Available Accessories: Ordered Separately

RMSIE = Remote monitor
Ⓢ Available in 100kA & 150 kA only



TPS3 L2

Ordering Information

Catalog # TPS3 L2

Voltage Code	Surge Current (kA)	Options
A = 120/240 V, 1Ø, 3W	15 = 150 kA per phase	X = Surge counter (Standard)
B = 120/240 V, 3Ø, 4W	30 = 300 kA per phase	2 = Type 2 SPD (Default)
C = 120/208 V, 3Ø, 4W		Includes UL 1283 EMI/RFI Filters
E = 277/480 V, 3Ø, 4W		0 = Type 1 SPD
K = 380/220 V, 3Ø, 4W		(Consult Factory Prior to Ordering)
S = 400/230 V, 3Ø, 4W		

Example: **TPS3CL230X2** = 10 Mode Type 2 SPD (Default) for a 208/120 V panelboard with a surge current capacity of 300 kA per phase and a surge counter.
When an option is not selected, include a **zero (0)** in the field.

Available Accessories: Ordered Separately

RMSIE = Remote monitor