

# Surge Protection Devices (SPD)

## TPS3 External or Wall Mounted SPDs

### TPS3 03

TPS3 03 is a UL 1449 3rd Edition, cUL 50 kA Type 1 (Type 2 cUL) compact Surge Protective Device. For cUL applications, the TPS3 03 can be used as a secondary surge or lighting arrestor alternative when installed on the load side of the main disconnect.

#### TPS3 03 Key Features

- UL 1449 3rd Edition, cUL Listed
- Type 1 (Type 2 cUL) Rated SPD
- 50kA Per Phase Surge Current
- 20kA  $I_n$  (Most models)
- 200kA SCCR (Most models)
- UL 96A Lightning Protection Master Labeling compliant (@ 20kA)
- Every MOV is monitored
- Mounting – Chase Nippled, bracket, or DIN RAIL
- Standard compact NEMA 4X polycarbonate enclosure
- Modes of Protection: L-N or L-G and L-L
- Standard Monitoring: LED Indicator
- Dimensions: 3.25" x 3.25" x 3.3" (82.6 mm x 82.6 mm x 83.8 mm)
- Weight: 2 lb. (0.9 kg)
- 2 Year Product Warranty

#### Available Options:

- Dry contacts & audible alarm (option "D")

### TPS3 09

TPS3 09 is a UL 1449 3rd Edition, cUL 100kA Type 1 (Type 2 cUL) compact multi-mode surge protective device that can be installed on either the line or load side of the electrical service.

#### TPS3 09 Key Features

- UL 1449 3rd Edition, cUL Listed
- Type 1 (Type 2 cUL) Rated SPD
- 100kA Per Phase Surge Current
- 20kA  $I_n$  (Most models)
- 200kA SCCR (Most models)
- UL 96A Lightning Protection Master Labeling compliant (@ 20kA)
- Every MOV is monitored, including N-G
- Mounting: External or Wall Mounted
- Standard compact NEMA 4X polycarbonate enclosure
- Modes of Protection: L-N, L-G, N-G, and L-L
- Standard Monitoring: LED Indicators
- Dimensions: 8" x 3" x 3" (203 mm x 76 mm x 76 mm)
- Weight: 3 lb. (1.4 kg)
- 10 Year Product Warranty

#### Available Options:

- Dry contacts & audible alarm (option "D")
- Extended indicator light (option "E")
- Internal mounting in P1, P2 Panels (option "I"), requires TPS9IKITP1 or TPS9IKITP2 mounting bracket accessory.



#### Ordering Information

Catalogue Number	TPS3	03			2
Voltage Code					
Surge Current (kA)					
Options					
					D = Dry contact & audible alarm

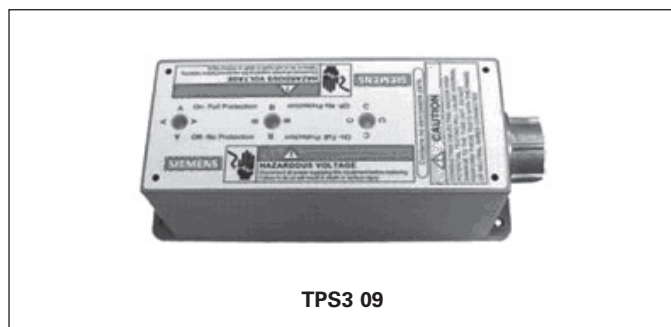
A = 120/240V, 1Ø, 3W  
 B = 120/240V, 3Ø, 4W  
 C = 120/208V, 3Ø, 4W  
 D = 240V, 3Ø, 3W  
 E = 277/480V, 3Ø, 4W  
 F = 480V, 3Ø, 3W  
 G = 600V, 3Ø, 3W  
 K = 380/220V, 3Ø, 4W  
 L = 600/347V, 3Ø, 4W

05 = 50kA per phase

Example - TPS3C0305D = Type 1 (Type 2 cUL) SPD for a 208/120V application with a surge current capacity of 50kA per phase, in a standard NEMA 4X enclosure with dry contacts and audible alarm option.

When an option is not selected, include a zero (0) in the field.

Available Accessories: Ordered Separately  
 RMSIE - Remote monitor



#### Ordering Information

Catalogue Number	TPS3	09					2
Voltage Code							
Surge Current (kA)							
Options							
							E = Extended indicator light I = Internal mounting in P1, P2 panels D = Dry contact & audible alarm

A = 120/240V, 1Ø, 3W  
 B = 120/240V, 3Ø, 4W  
 C = 120/208V, 3Ø, 4W  
 D = 240V, 3Ø, 3W  
 E = 277/480V, 3Ø, 4W  
 F = 480V, 3Ø, 3W  
 G = 600V, 3Ø, 3W  
 K = 380/220V, 3Ø, 4W  
 L = 600/347V, 3Ø, 4W  
 S = 400/230V, 3Ø, 4W

10 = 100kA per phase

Example: TPS3C0910D00 = Type 1 (Type 2 cUL) SPD for a 208/120V panel-board with a surge current capacity of 100kA per phase with standard NEMA 4X enclosure, dry contacts and audible alarm option.

Available for field retrofit in P1 panels

When an option is not selected, include a zero (0) in the field

Available Accessories: Ordered Separately

- RMSIE = Remote monitor
- FMKITC = Flush mount plate
- TPS9IKITP1 = Mounting bracket for installation in P1 panels
- TPS9IKITP2 = Mounting bracket for installation in P2 panels