

SPD - Surge Protective Devices

TPS3 External or Wall Mounted SPDs

Selection

TPS3 09

TPS3 09 is a UL 1449 4th Edition 100 kA Type 1 compact multi-mode surge protective device that can be installed on either the line or load side of the electrical service. When installed at the electrical service entrance, it can be used for UL 96A compliance (@ 20 kA I_n).

TPS3 09 Key Features

- UL 1449 4th Edition Listed Type 1
- Type 1 Rated SPD
- 100 kA Per Phase Surge Current
- 20 kA I_n (Most models)
- 200 kA SCCR (Most models)
- UL 96A Lightning Protection Master Labeling compliant (@ 20 kA)
- Every MOV is monitored, including N-G
- Mounts external to electrical distribution equipment
 - Weatherproof hub included
- Mounts internal to P1 panelboards & busway
 - P1 - Field retrofit or factory install
 - P2 and P3 - factory install only
- Standard compact NEMA 4X polycarbonate enclosure
- Modes of Protection: L-N, L-G, N-G, and L-L
- Standard Monitoring: LED Indicators
- Wire Size: Prewired with 3' (91.4 cm) of #10 AWG
- Dimensions: 8.3" x 3.6" x 3.0" (211 mm x 91 mm x 77 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.



TPS3 09

Ordering Information

Catalog # TPS3

<p>Voltage Code</p> <p>A = 120/240 V, 1Ø, 3W B = 120/240 V, 3Ø, 4W C = 120/208 V, 3Ø, 4W D = 240 V, 3Ø, 3W E = 277/480 V, 3Ø, 4W 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</p>	<p>Surge Current (kA)</p> <p>10 = 100 kA per phase</p> <p>Example: TPS3C0910D000 = Type 1 SPD for a 208/120V panelboard with a surge current capacity of 100 kA per phase with standard NEMA 4X enclosure, dry contacts and audible alarm option.</p> <p>Available for field retrofit in P1 panels.</p>	<p>Options</p> <p>E = Extended indicator light</p> <p>I = Internal mounting in P1, P2 panels^①</p> <p>D = Dry Contact & audible alarm</p>
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When an option is not selected, include a zero (0) in the field.

Available Accessories: Ordered Separately

- RMSIE = Remote monitor
- XMFMKIT = Flush mount plate
- TPS9IKITP1 = Mounting bracket for installation in P1 panels
- TPS9IKITP2 = Mounting bracket for installation in P2 panels (factory install only)

^① Requires TPS9IKITP1 or TPS9IKITP2 mounting bracket accessory, see available Accessories. Prewired cables are extended from 3 to 6 feet.