

TPS3 05

Type 1 / 2 Surge Protection Device (SPD) for S5 & F2 Power panels and SMP, FC1 and FC2 Distribution Switchboards

Features:

- Mounts internal to:
 - S5 & F2 power panels and SMP, FC1 and FC2 distribution switchboards
 - UL 1449-4 Type 2 SPD, UL 1283 Listed, CSA 22.2 No. 269.2
 - Optional UL 1449 4th Edition Recognized Type 1, CSA 22.2 No. 269.1
 - Type 1 / Type 2 SPD
 - Large block, individually fused, thermally protected, 50 kA MOVs
 - 20 kA I_n (most models)
 - 200 kA SCCR (most models)
 - 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
 - UL96A Lightning Protection Master Label compliant (@20kA I_n)
 - Designed, manufactured and tested consistent with:
 - ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002, C62.62-2010, C62.72-2007 & CSA C22.2 No. 269.1 and .2
 - 1992/2000 NEMA LS-1
 - NEC Article 285
 - IEC 61643, CE
 - 10 year warranty
- Panelboard Features
 - Copper or aluminum bus
 - MB or MLO
 - SPD Specifications
 - Surge Current Rating Per Phase

Per Phase	L-N	L-G	N-G
100 kA	50 kA	50 kA	50 kA
150 kA	100 kA	50 kA	50 kA
200 kA	100 kA	100 kA	100 kA
250 kA	150 kA	100 kA	100 kA
300 kA	150 kA	150 kA	150 kA
 - 100% monitoring (Every MOV is monitored, incl. N-G)
 - EMI/RFI filtering: Active tracking up to -50 db from 10 kHz to 100 MHz (Type 2 option only, includes UL 1283 Listing)
 - Repetitive impulse: 5,000 hits
 - Less than 1/2 nanosecond response time
 - Relative humidity range: 1-95% non-condensing
 - Operating frequency: 47-63 Hz
 - Operating temperature: -25°C (-15°F) to +60°C (140°F)
 - Switchboard Features
 - Copper or aluminum bus
 - 200% rated neutral bus for harmonic-rich applications
 - CSA, UL 891, UL 67 and NEMA PB-2



