

# Surge Protection Device

## Mersen STXR 3 Phase Surge Protection

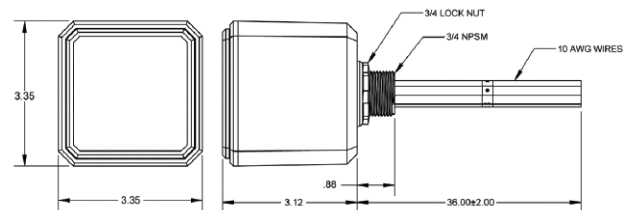
The STXR Series UL listed Type 1 SPD meets the UL1449 5th Edition standards. This series incorporates TPMOV technology, ensuring it is one of the safest options available. The STXR is ideal for both branch panel and individual equipment protection.

### Features:

- Designed with TPMOV Technology
- 5-year manufacturer's warranty
- Meets UL1449 5th Edition standards

### TECHNICAL DATA

April/May 2025	50kA – Per Phase & Per Mode
Nominal Discharge Current Rating (In) (8x20 $\mu$ s)	20kA
Short Circuit Current Rating (SCCR)	200kA
Mounting	Fits 3/4" knockouts with 3' leads for easy installation
Response Time	Less than 1 nanosecond (one per phase)
Wiring	Pre-wired 3' (1m) 10AWG
Enclosure	NEMA 4X Non-metallic
Flammability	UL94-5VA
Operating & Storage Temperature	- 40°F (40°C) to + 185°F (85°C)
Relative Humidity Range	0 to 95% non-condensing
Led Status Indicator	LED Green = Functional / OUT = Replace
UL/CSA Approvals/Standards	ANSI/UL 1449 5th Edition, Type 1 SPD, File E210793, UL96A Lighting Protection, RoHS Compliant



MARS PART NO.		SYSTEM VOLTAGE AND CONFIGURATION	IN	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV, UC)				VOLTAGE PROTECTION RATING (VPR) (UL 1449, 6KV, 3KA)			
STANDARD	WITH N-G PROTECTION**			L-N	L-G	L-L	N-G**	L-N	L-G	L-L	N-G*
83930	83931	208/120V 3-Phase WYE	20kA	150	300*	300	150	700	1200*	1200	600
83932	83933	480/277V 3-Phase WYE	20kA	320	470*	640	150	1200	1800*	2000	700
83935	-	240V 3-Phase DELTA	20kA	-	320	640	-	-	1200	2000	-
83934	-	480V 3-Phase DELTA & HRG WYE	10kA	-	550	1100	-	-	1800	3000	-
				L-N/HL-N	L-G/HL-G	L-L/HL-L	N-G**	L-N/HL-N	L-G/HL-G	L-L/HL-L	N-G*
83936	-	240/120V Hi-Leg DELTA	20kA	150/270	300/420*	300/420	150	700/1200	1200/1200*	2000/2000	600

\* MCOV and VPR only applicable for models with options N-G protection - see below.

\*\* N-G protection is suggested downstream of N-G bond when the unit is installed > 10' (3m) from service entrance or transformer.  
Use standard device for installation of SPD at or near service entrance or transformer < 10' (3m) (N-G Bonded does not require N-G protection).

For warranty details and process, visit [www.mersen.com](http://www.mersen.com)