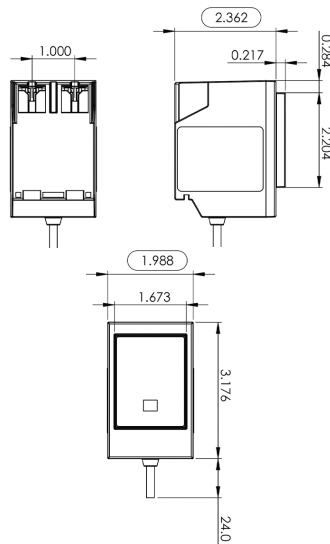## Mersen Whole Home Surge Protection

Mersen's STLC surge protective device adds a critical layer of surge protection to the entire home. This simple whole house solution is installed directly in the electrical panel and has flexibility to fit in a variety of different load center manufacturers and models. The STLC Series satisfies the new 2020 NEC Article 230.67 requirement for surge protection for residential dwellings.

Features:

• Designed with TPMOV Technology

• Quickly installs directly into load center bus bar, utilizing any (two) open adjacent breaker slots

• Fits into most residential load centers with 1" spacings

• 3-year manufacturer's warranty, plus up to $25k connected equipment warranty

Dimensions (in Inches)

TECHNICAL DATA	
MARS Part No.	**83937**
UL SPD Type	Type 1
Nominal Discharge Current Rating (In)	10kA
Surge Capacity (per phase and per mode)	25kA
Short Circuit Current Rating (SCCR)	10kA (tested to 100kA)
Maximum Continuous Operating Voltage (MCOV)	L-N: 150; L-L: 300
Voltage Protection Rating (VPR)	L-N: 600; L-L 1000
Ambient Temperature Rating	-20 - 65
Applications	120/240 VAC residential load centers
Approvals/Standards	UL1449 5th Edition, RoHS Compliant
Led Status Indicator	On=Good, Off=Replace
Response Time	Less than 1 nanosecond (one per phase)

Compatability Chart

BRAND	LOAD CENTER	CIRCUIT BREAKER TYPE
Eaton	BR Series (prefix 1BR or B in the catalog number)	BR215….BR250, BR, 2P, 120/240 V AC, 15A…50A
Siemens Industry, Inc	PL Series (prefix P or PW in the catalog number)	Q215 … Q250 , QP, 2P, 120/240VAC, 15A… 50A
	ES Series (prefix S or SW in the catalog number)	Q215 … Q250 , QP, 2P, 120/240VAC, 15A… 50A
	EQ Series (prefix E in the catalog number)	Q215 … Q250 , QP, 2P, 120/240VAC, 15A… 50A
Murray/Siemens Industry, Inc.	LC Series (prefix LC or LW in the catalog number)	MP215 … MP250, MP, 2P, 120/240VAC, 15A… 50A
ABB / General Electric	Powermark Gold series (prefix TL, TM or TP in the catalog number)	THQL215 … THQL250, 2P, 120/240 V AC, 15 … 50 A
Schneider Electric USA Inc./Square D Co.	Homeline series (prefix HOM in the catalog number)	HOM215 ... HOM250, 2P, 120/ 240 V AC, 15 ... 50 A