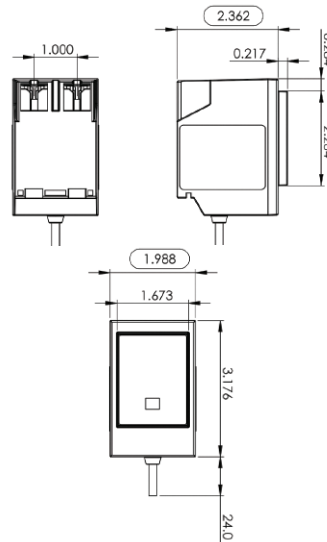


Mersen Whole Home Surge Protection

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.



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)

Compatibility 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