

SURGE TRAP[®] DIN RAIL TVSS

SURGE SUPPRESSION

Surge Trap Selection guide:

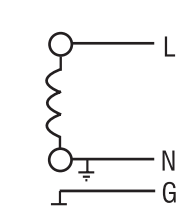
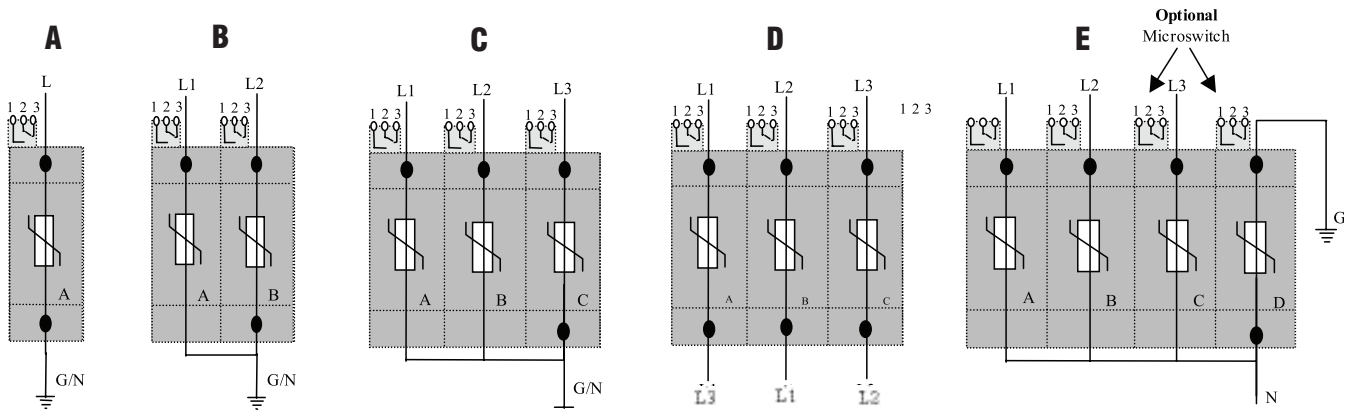
STEP 1: Select electrical voltage configuration from first column

STEP 2: Select proper modes of protection from third column

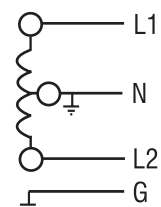
STEP 3: Select corresponding catalog number from fourth column

STEP 4: Add an M to the catalog number if you require remote indication

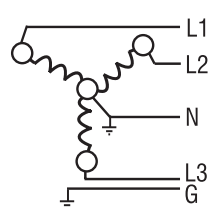
Voltage Configuration	Wires	Protection Modes	Catalog Number	Figure	MCOV	Surge Capacity					UL Clamping Voltage 6KV - 3KA				UL 1449 -2 SVR			
						L-G	Mode	L-G	N-G	L-L	Phase	L-N	L-G	N-G	L-L	L-N	L-G	N-G
120V Single Phase	2 Wire + Grnd	L-N / L-G Only	ST1201PG (M)	A	180V	50KA	50KA	-	-	-	500V	500V	-	-	500V	500V	-	-
230V Single Phase	2 Wire + Grnd	L-N / L-G Only	ST2301PG (M)	A	270V	50KA	50KA	-	-	-	800V	800V	-	-	800V	800V	-	-
277V Single Phase	2 Wire + Grnd	L-N / L-G Only	ST2771PG (M)	A	320V	50KA	50KA	-	-	-	1000V	1000V	-	-	900V	900V	-	-
120/208V Split Phase	3 Wire + Grnd	L-L/L-N/L-G	ST208SPG (M)	B	180V	50KA	50KA	-	50KA	100KA	500V	500V	-	1000V	500V	500V	-	1000V
120/240V Split Phase	3 Wire + Grnd	L-L/L-N/L-G	ST240SPG (M)	B	180V	50KA	50KA	-	50KA	100KA	500V	500V	-	1000V	500V	500V	-	1000V
240/480V Split Phase	3 Wire + Grnd	L-L/L-N/L-G	ST480SPG (M)	B	270V	50KA	50KA	-	50KA	100KA	800V	800V	-	1600V	800V	800V	-	1500V
120/208V 3-ph Wye	4 Wire + Grnd	L/L-N/L-G/N-G	ST2083PY (M)	E	360V	50KA	50KA	50KA	50KA	100KA	500V	1000V	500V	1000V	900V	500V	500V	1000V
120/208V 3-ph Wye	4 Wire + Grnd	L-L/L-N/L-G	ST2083PYG (M)	C	180V	50KA	50KA	-	50KA	100KA	500V	500V	-	1000V	500V	500V	-	1000V
277/480V 3-ph Wye	4 Wire + Grnd	L/L-N/L-G/N-G	ST4803PY (M)	E	500V	50KA	50KA	50KA	50KA	100KA	1000V	1500V	500V	2000V	900V	1400V	500V	1800V
277/480V 3-ph Wye	4 Wire + Grnd	L-L/L-N/L-G	ST4803PYG (M)	C	320V	50KA	50KA	-	50KA	100KA	1000V	1000V	-	2000V	900V	900V	-	1800V
347/600V 3-ph Wye	4 Wire + Grnd	L/L-N/L-G/N-G	ST6003PY (M)	E	690V	50KA	50KA	50KA	50KA	100KA	1500V	2300V	800V	3000V	1200V	2000V	800V	2500V
347/600V 3-ph Wye	4 Wire + Grnd	L-L/L-N/L-G	ST6003PYG (M)	C	420V	50KA	50KA	-	50KA	100KA	1500V	1500V	-	3000V	1200V	1200V	-	2500V
240V 3-ph Delta	3 Wire + Grnd	L-L Only	ST2403PD (M)	D	N/A	50KA	-	-	50KA	-	-	-	-	1000V	-	-	-	800V
240V 3-ph Delta	3 Wire + Grnd	L-L / L-G	ST2403PDG (M)	C	270V	50KA	50KA	-	50KA	100KA	-	800V	-	1600V	-	800V	-	1500V
480V 3-ph Delta	3 Wire + Grnd	L-L Only	ST4803PD (M)	D	N/A	50KA	-	-	50KA	-	-	-	-	1850V	-	-	-	1500V
480V 3-ph Delta	3 Wire + Grnd	L-L / L-G	ST4803PDG (M)	C	550V	50KA	50KA	-	50KA	100KA	-	1850V	-	3700V	-	1500V	-	3000V



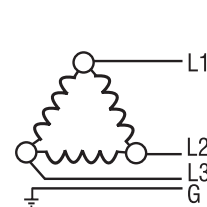
Single Phase
2 Wire + Ground



Split Phase
3 Wire + Ground



3 Phase Wye
4 Wire + Ground



3 Phase Delta
3 Wire + Ground