

SURGE PROTECTIVE PANELS CHEAT SHEET

CODE COMPLIANCE:

Meets 2023 NEC and UL 1449 5th Edition Requirements

HIGH PERFORMANCE:

Leading Surge Protection Ratings

DURABLE:

Feature NEMA 4 and 4X Outdoor Ratings



SERIES DESCRIPTIONS		R SERIES	P SERIES	B SERIES	M SERIES	X SERIES
		Compact in size and easy to install; ideal for residential homes and light-use split phase systems	Ideal for residential homes and light use commercial applications	Ideal for the branch panel in commercial and industrial applications and the main panel in light commercial applications	Ideal for point-of-entry or main service entrance installations	Advanced features including surge counters and performance monitoring, designed to provide the greatest level of protection where surge damage would lead to excessive loss or downtime on expensive machinery
SPECIFICATIONS	Type	TYPE 1	TYPE 1	TYPE 2	TYPE 2	TYPE 2
	Nominal Discharge Current Rating (I_n)	10kA	20kA	20kA	20kA	20kA
	Maximum Surge Current Rating Per Mode/ Per Phase	18kA/36kA	25kA/50kA	65kA/130kA	130kA/260kA	200kA/400kA
	Short Circuit Current Rating (SCCR)	200kA	200kA	200kA	200kA	200kA
	Enclosure Rating	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4	NEMA 4
	Country of Origin	Greece	Greece	Greece	Greece	USA
FEATURES	Protection Status LED	●	●	●	●	●
	Form C Dry Contacts		●	●	●	●
	Audible Alarm		●	●	●	●
	EMI/RFI Filtering (UL 1283)			●	●	●
	LCD Screen with Surge/TOV Counter: ● Event History ● Statistics ● Voltages ...and more					●

ORDERING GUIDE:

TYPE 1

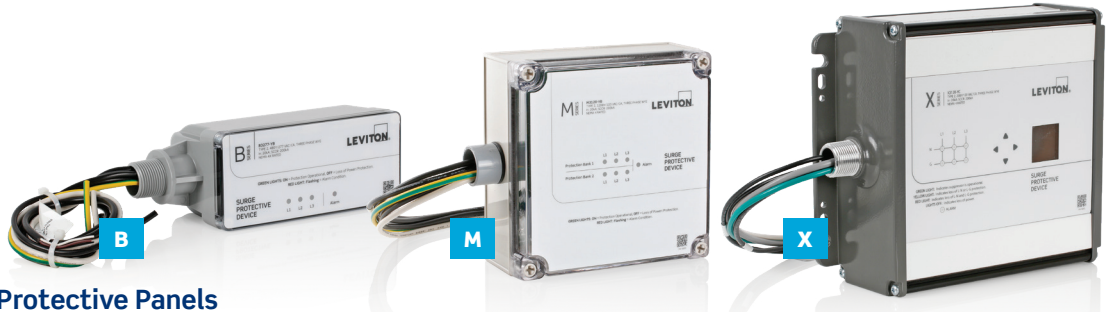


R & P Series Surge Protective Panels

Series	Cat No.	Voltage	Phase	Maximum Continuous Operating Voltage (MCOV)	Voltage Protection Rating (VPR) Performance Data
R	R2120-B	120/240 VAC/CA	Split Phase	180V/360V*	L-N: 700V, L-L: 1200V
P	P2120-B	120/240 VAC/CA	Split Phase	180V/360V*	L-N: 700V, L-G: 1200V, N-G: 600V, L-L: 1200V
P	P3120-YB	208Y/120 VAC/CA	Three Phase WYE	150V/300V*	L-N: 600V, L-G: 600V, N-G: 600V, L-L: 1000V
P	P3277-YB	480Y/277 VAC/CA	Three Phase WYE	350V/700V*	L-N: 1200V, L-G: 2500V, N-G: 1000V, L-L: 2000V

*Second voltage refers to L-L rating

TYPE 2



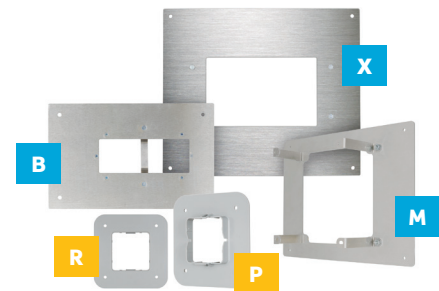
B, M & X Series Surge Protective Panels

Series	Cat No.	Voltage	Phase	Maximum Continuous Operating Voltage (MCOV)	Voltage Protection Rating (VPR) Performance Data
B	B1120-B	120 VAC/CA	Single Phase	180V	L-N: 700V, L-G: 700V, N-G: 700V
B	B2120-B	120/240 VAC/CA	Split Phase	180V/360V*	L-N: 700V, L-G: 700V, N-G: 700V, L-L: 1200V
B	B3120-YB	208Y/120 VAC/CA	Three Phase WYE	150V/300V*	L-N: 700V, L-G: 700V, N-G: 600V, L-L: 1200V
B	B3240-DB	240 VAC/CA	Three Phase Delta	275V	L-G: 1000V, L-L: 1200V
B	B3240-HB	120/240 VAC/CA	Hi-Leg Delta	180/275V*	L-N: 800V, L-G: 700V, N-G: 700V, L-L: 1500V
B	B3277-YB	480Y/277 VAC/CA	Three Phase WYE	350V/700V*	L-N: 1200V, L-G: 1200V, N-G: 1200V, L-L: 2500V
B	B3347-YB	600Y/347 VAC/CA	Three Phase WYE	440V/880V*	L-N: 1500V, L-G: 1500V, N-G: 1500V, L-L: 3000V
B	B3480-DB	480 VAC/CA	Three Phase Delta	550V	L-G: 1800V, L-L: 1800V
M	M2120-B	120/240 VAC/CA	Split Phase	180V/360V*	L-N: 700V, L-G: 800V, N-G: 600V, L-L: 1200V
M	M3120-YB	208Y/120 VAC/CA	Three Phase WYE	150V/300V*	L-N: 600V, L-G: 700V, N-G: 600V, L-L: 1000V
M	M3240-DB	240 VAC/CA	Three Phase Delta	275V	L-G: 900V, L-L: 1800V
M	M3277-YB	480Y/277 VAC/CA	Three Phase WYE	350V	L-N: 1200V, L-G: 1200V, N-G: 1000V, L-L: 2000V
M	M3347-YB	347/600 VAC/CA	Three Phase WYE	440V/880V*	L-N: 1500V, L-G: 1500V, N-G: 1500V, L-L: 2500V
M	M3480-DB	480 VAC/CA	Three Phase Delta	550V	L-G: 1800V, L-L: 1800V
M	M3600-DB	600 VAC/CA	Three Phase Delta	680V	L-G: 2000V, L-L: 2000V
X	X2120-C	120/240 VAC/CA	Split Phase	175V/300V*	L-N: 600V, L-G: 700V, N-G: 600V, L-L: 900V
X	X3120-YC	208Y/120 VAC/CA	Three Phase WYE	150V/300V*	L-N: 600V, L-G: 600V, N-G: 600V, L-L: 1000V
X	X3277-YC	480Y/277 VAC/CA	Three Phase WYE	320V/700V*	L-N: 1200V, L-G: 1200V, N-G: 1200V, L-L: 2000V

*Second voltage refers to L-L rating

Flanges for Flush Mount Applications

Series	Cat No.	Description
R	RSURG-FLG	R Series Flush Mount Flange - Polycarbonate
P	PSURG-FLG	P Series Flush Mount Flange - Polycarbonate
B	BSURG-FLG	B Series Flush Mount Flange - Aluminum
M	MSURG-FLG	M Series Flush Mount Flange - Aluminum
X	XSURG-FLG	X Series Flush Mount Flange - Aluminum



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