



ProtectorTM

CPX, BPX, and FPX

EXCEPTIONAL PERFORMANCE IN ALL GROUNDING CONDITIONS

- ✓ **Three automatic re-settings:** Eliminating nuisance tripping, saving cost of service calls.
- ✓ **Automatic memory reset:** Nuisance trips do not accumulate, eliminating unnecessary service calls.
- ✓ **One size hardware, one size tool fits all:** Quick and easy installation.
- ✓ **All information on one colored label:** Ratings and diagnostics are easier to read.
- ✓ **By-pass service button:** Simplifies fault finding during service call.
- ✓ **Works under any wiring polarity or grounding condition:** Keeps your customer happy by eliminating needless and frustrating service calls.
- ✓ **Same case size & footprint:** Like for like field changeover for non-protected transformers.





User Friendly Ground Fault Protection

Service Button: Allows the secondary ground fault protection (SGFP) mode to be bypassed for approximately 30 minutes. Note: The LED will blink Red if the unit has tripped and is not properly grounded. To prevent electrical shock hazard, the unit will not enter the bypass mode while improperly grounded.

Auto-Reset: The transformer will attempt to reset itself 3 times. The reset feature will help avoid nuisance tripping. The reset interval is approximately 3 seconds.

Diagnostic LED Operation:

LED Mode	Root Cause
● LED Off ● Continuous Flashing ● 1 Flash, Long Pause ● 2 Flashes, Pause ● LED ON ● To reset transformer, cycle power off and on	● Normal Operation ● Secondary Fault ● Transformer overheated ● Transformer case missing service ground ● Transformer in bypass service mode

· Standard Outdoor Style · Heavy Duty Outdoor · Non-Weatherproof · Normal Power Factor (120 Volts - 60 Hertz)							
Part No.	120V	Line Amp.	VA	Secondary kV	*SA / FA	Secondary mA	WT (lbs.)
101530BPX120 R		3.75	450	10-15	*SA	30	22
1530BPX120		3.75	450	15	FV	30	22
1230BPX120		3.0	360	12	FV	30	22
5930CPX120 R		2.25	270	5-9	*SA	30	12
930CPX120		2.25	270	9	FV	30	13
7530CPX120		1.88	225	7.5	FV	30	13
*101530FPX120 R		3.75	450	10-15	*SA	30	23
*1530FPX120 R		3.75	450	15	FV	30	23
*1230FPX120 R		3.0	360	12	FV	30	23
*5930FPX120 R		2.25	270	5-9	*SA	30	15
*7530FPX120 R		1.88	225	7.5	FV	30	15
*930FPX120 R		2.25	270	9	FV	30	15

PROTECTOR SERIES (GFI)

***SA / FA** As indicated in the chart above, “SA” refers to Allanson’s Uni-Serve units which are a self-adjusting voltage output neon transformers, while “FV” refers to a fixed value.

***FBX Uni-Tran Series** The FBX series are referred to as our Uni-Tran branded line, as the series is built within a transformer enclosure, providing protection and support for transformer installations.

MEASUREMENTS						
Housing Dimensions				Mounting Holes		
	Overall Length	L	W	H	ML	MW
BPX	12.5	10.9	4.2	5.3	9.6	2.7
CPX	11.875	10.0	3.6	4.0	8.7	2.0
FPX	12.5	12.5	4.4	6.8	11.8	2.5



Uni-Serve Protector™

NEON SERVICE TRANSFORMERS



SELF-ADJUSTING NEON TRANSFORMERS MODELS

Adjusting to your sign's needs in real time, ensuring steady, safe, and efficient illumination for optimal performance and longevity.



10-15 KV unit replaces
10,500V / 12,000V /
15,000V ratings



120V, 60hz, normal P.F.



5-9 KV unit replaces
5,000V / 6,000V / 7,500V /
9,000V ratings



Poly-resin filled



**Available in Standard
and Enclosed Case**



2 year warranty

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