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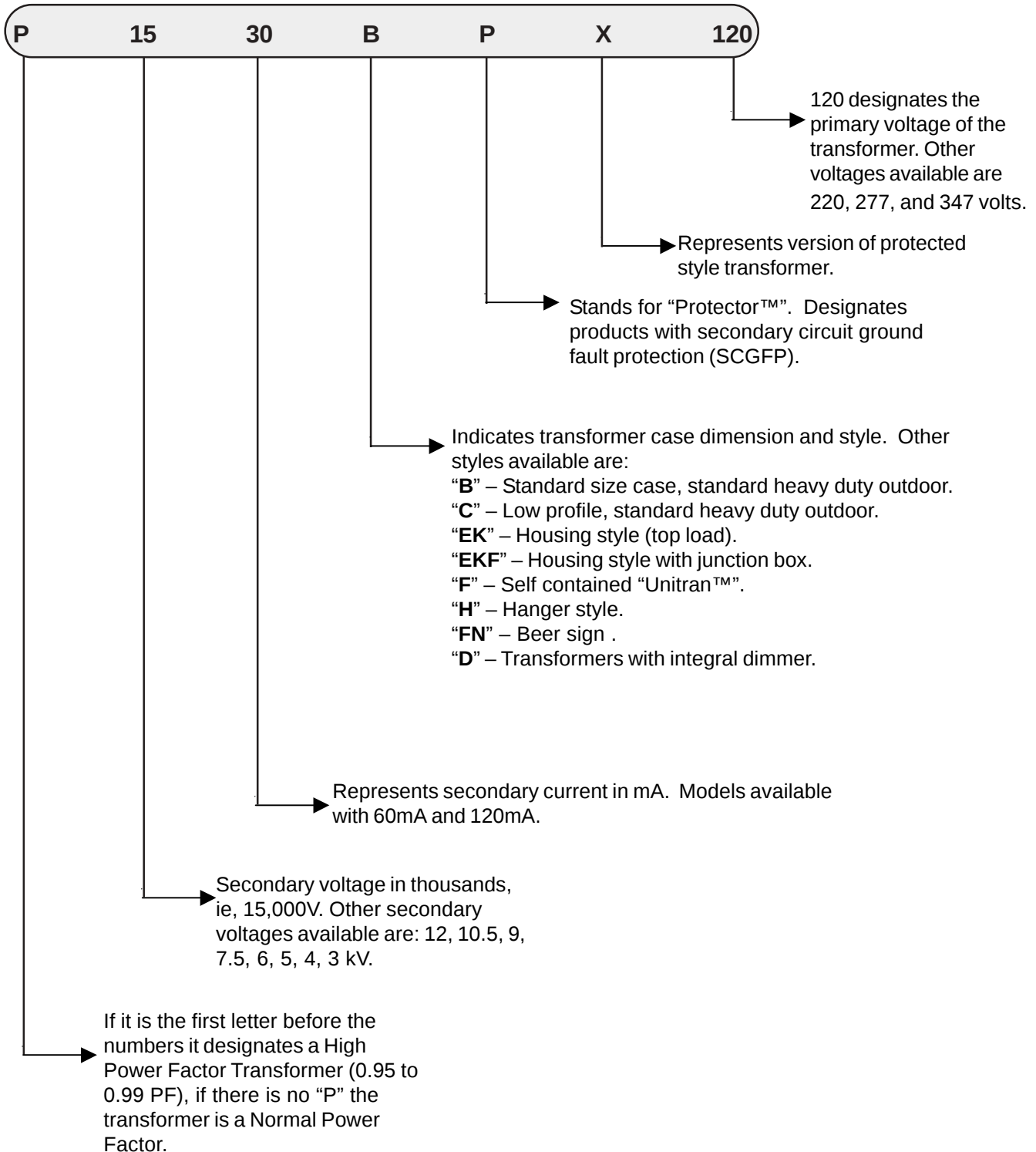
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Significance of Part Numbers

Neon Transformers

Example of part number: P1530BPX120



Pow-R-Pak:

see page 17



HOUSING STYLE TRANSFORMERS



MINI330EK120

1230EK277

- **No secondary wiring required**, resulting in safer, more efficient installation of your neon sign.
- **Deep electrode housings**, providing greater overall protection, longevity and better fit for your electrodes.
- **High power factor models are available**, which allows installation of more units on one circuit, saving material and labour costs.
- **Available in 277 and 347V**, which results in potential cost savings, as you can install more transformers per circuit when compared to 120V applications.



HOUSING STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF NORMAL POWER FACTOR 120/277/347 VOLTS-60 HERTZ

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART No.	LINE AMP	PART No.	LINE AMP	PART No.	LINE AMP			
A	1230EK120	3.00	1230EK277	1.30	1230EK347	1.04	360	12 - 30	23
	1030EK120	2.62	1030EK277	1.14	1030EK347	0.91	315	10.5 - 30	23
B	930EK120	2.25	930EK277	0.97	930EK347	0.78	270	9 - 30	13
	7530EK120	1.88	7530EK277	0.81	7530EK347	0.65	225	7.5 - 30	13
	630EK120	1.58	630EK277	0.69	630EK347	0.55	180	6 - 30	13
C	530EK120	1.33	530EK277	0.58	530EK347	0.46	160	5 - 30	10
	430EK120	1.17	430EK277	0.51	430EK347	0.40	140	4 - 30	10
	330EK120	0.83	330EK277	0.36	330EK347	0.29	100	3 - 30	10
D	MINI530EK120	1.33	n/a				160	5 - 30	6.5
	MINI430EK120	1.17	n/a				140	4 - 30	6.5
	MINI330EK120	0.83	n/a				100	3 - 30	6.5
I	1260EK120	6.00	1260EK277	2.60	N/A	N/A	720	12 - 60	35
E	960EK120	4.50	960EK277	1.95	960EK347	1.56	540	9 - 60	22
	7560EK120	3.75	7560EK277	1.62	7560EK347	1.30	450	7.5 - 60	22
F	660EK120	3.00	660EK277	1.38	660EK347	1.04	360	6 - 60	22
	560EK120	2.66	560EK277	1.15	560EK347	0.92	320	5 - 60	13
B	460EK120	2.40	460EK277	1.04	460EK347	0.83	290	4 - 60	13
	360EK120	2.00	360EK277	0.87	360EK347	0.69	240	3 - 60	13

All transformers above are UL2161 Recognized and CSA Approved

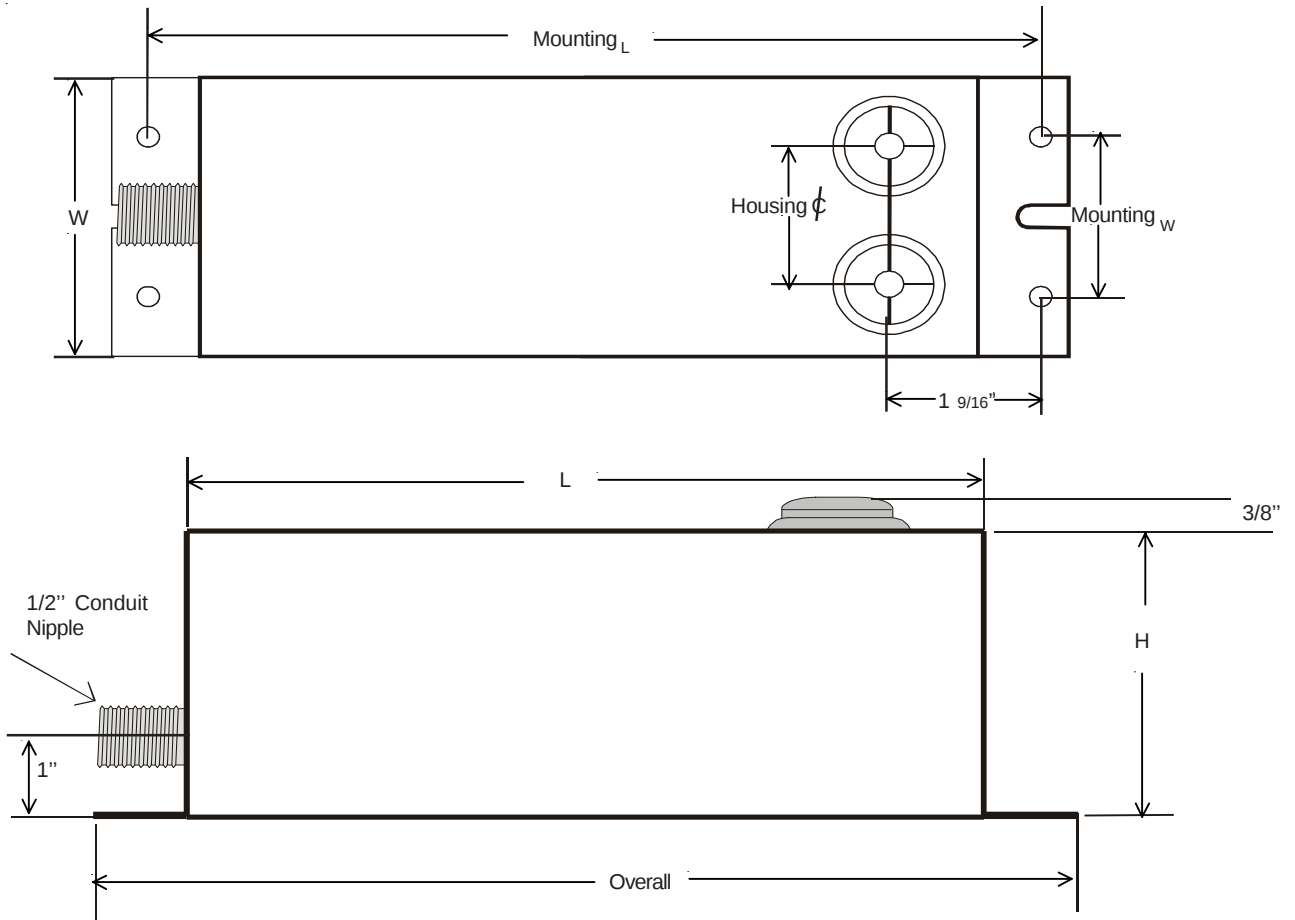
HOUSING STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF HIGH POWER FACTOR 120/277/347 VOLTS-60 HERTZ

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART No.	LINE AMP	PART No.	LINE AMP	PART No.	LINE AMP			
A	P1230EK120	1.67	P1230EK277	0.72	P1230EK347	0.58	200	12 - 30	24
	P1030EK120	1.41	P1030EK277	0.62	P1030EK347	0.50	170	10.5 - 30	24
F	P930EK120	1.25	P930EK277	0.54	P930EK347	0.43	150	9 - 30	15
	P7530EK120	1.04	P7530EK277	0.45	P7530EK347	0.36	125	7.5 - 30	15
	P630EK120	0.83	P630EK277	0.36	P630EK347	0.29	100	6 - 30	15
B	P530EK120	0.75	P530EK277	0.32	P530EK347	0.26	90	5 - 30	13
	P430EK120	0.62	P430EK277	0.27	P430EK347	0.22	75	4 - 30	13
	P330EK120	0.46	P330EK277	0.20	P330EK347	0.16	55	3 - 30	13
I	P1260EK120	3.30	P1260EK277	1.44	N/A	N/A	400	12 - 60	35
G	P960EK120	2.50	P960EK277	1.08	P960EK347	0.87	300	9 - 60	23
	P7560EK120	2.08	P7560EK277	0.90	P7560EK347	0.72	250	7.5 - 60	23
H	P660EK120	1.67	P660EK277	0.72	P660EK347	0.57	200	6 - 60	23
	P560EK120	1.42	P560EK277	0.62	P560EK347	0.49	170	5 - 60	15
F	P460EK120	1.09	P460EK277	0.47	P460EK347	0.38	130	4 - 60	15
	P360EK120	0.84	P360EK277	0.36	P360EK347	0.29	100	3 - 60	15

All transformers above are UL2161 Recognized and CSA Approved



Housing Style Transformers “EK” Style



DRAWING	Overall	L	W	H	M _L	M _w	Housing
A	11 5/8	10 3/8	4 1/2	4 1/8	11	2	2 1/2
B	11	9 5/8	3 5/8	3 1/8	10 1/4	2	1 3/4
C	8 3/8	7	3 5/8	3 1/8	7 5/8	2	1 3/4
D	6 15/16	5 13/16	3 3/16	2 7/8	6 5/16	2	1 1/2
E	15	13 5/8	3 5/8	3 1/8	14 1/4	2	1 3/4
F	11 3/4	10 3/8	3 5/8	3 1/8	11	2	1 3/4
G	16 5/8	15 1/4	3 5/8	3 1/8	15 7/8	2	1 3/4
H	13 3/8	12	3 5/8	3 1/8	12 5/8	2	1 3/4
I	13 1/8	11 3/4	5 1/2	4 3/4	12 1/2	2 1/2	2 1/2

Please note that the dimensions are measured in inches.

SELF CONTAINED HOUSING STYLE TRANSFORMERS



530EKF120

- **No secondary wiring**, *resulting in safer, more efficient installation.*
- **Pre-stripped wires**, *which allows faster installation.*
- **Integral junction box neatly encloses primary wiring**, *saving installation cost of additional junction box.*
- **Four knockouts are provided**, *allowing access to wiring from 4 different directions, which results in easier installation and less labour costs.*
- **High power factor models are available**, *which allows installation of more units on one circuit, saving material and labour costs.*
- **Available in 277 and 347V**, *which results in potential cost savings, as you can install more transformers per circuit when compared to 120V applications.*

**SELF CONTAINED HOUSING STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF
 NORMAL POWER FACTOR 120/277/347 VOLTS-60 HERTZ**

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART No.	LINE AMP	PART No.	LINE AMP	PART No.	LINE AMP			
A	930EKF120	2.25	930EKF277	0.97	930EKF347	0.78	270	9 - 30	14
	7530EKF120	1.88	7530EKF277	0.81	7530EKF347	0.65	225	7.5 - 30	14
	630EKF120	1.58	630EKF277	0.69	630EKF347	0.55	180	6 - 30	14
	530EKF120	1.33	530EKF277	0.58	530EKF347	0.46	160	5 - 30	14
	430EKF120	1.17	430EKF277	0.51	430EKF347	0.40	140	4 - 30	14
	330EKF120	0.83	330EKF277	0.36	330EKF347	0.29	100	3 - 30	14
B	960EKF120	4.50	960EKF277	1.95	960EKF347	1.56	540	9 - 60	22
	7560EKF120	3.75	7560EKF277	1.62	7560EKF347	1.30	450	7.5 - 60	22
A	660EKF120	3.00	660EKF277	1.38	660EKF347	1.04	360	6 - 60	14
	560EKF120	2.66	560EKF277	1.15	560EKF347	0.92	320	5 - 60	14
	460EKF120	2.40	460EKF277	1.04	460EKF347	0.83	290	4 - 60	14
	360EKF120	2.00	360EKF277	0.87	360EKF347	0.69	240	3 - 60	14

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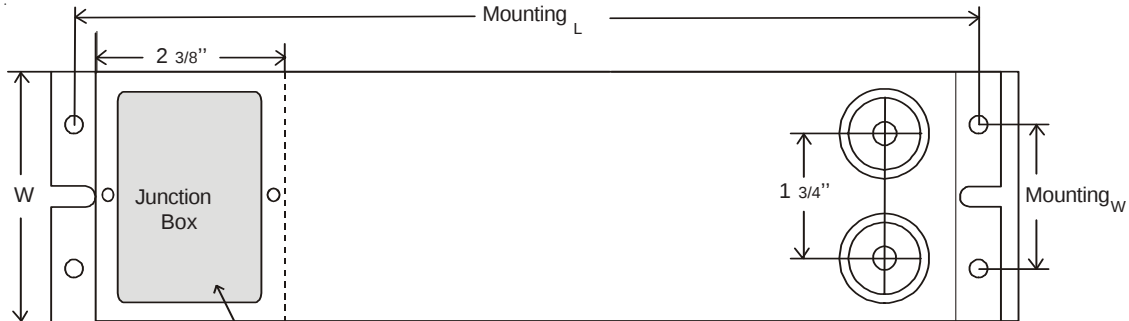
**SELF CONTAINED HOUSING STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF
 HIGH POWER FACTOR 120/277/347 VOLTS-60 HERTZ**

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART No.	LINE AMP	PART No.	LINE AMP	PART No.	LINE AMP			
C	P930EKF120	1.25	P930EKF277	0.54	P930EKF347	0.43	150	9 - 30	14
	P7530EKF120	1.04	P7530EKF277	0.45	P7530EKF347	0.36	125	7.5 - 30	14
	P630EKF120	0.83	P630EKF277	0.36	P630EKF347	0.29	100	6 - 30	14
A	P530EKF120	0.75	P530EKF277	0.32	P530EKF347	0.26	90	5 - 30	14
	P430EKF120	0.62	P430EKF277	0.27	P430EKF347	0.22	75	4 - 30	14
	P330EKF120	0.46	P330EKF277	0.20	P330EKF347	0.16	55	3 - 30	14
D	P960EKF120	2.50	P960EKF277	1.08	P960EKF347	0.87	300	9 - 60	23
	P7560EKF120	2.08	P7560EKF277	0.90	P7560EKF347	0.72	250	7.5 - 60	23
C	P660EKF120	1.67	P660EKF277	0.72	P660EKF347	0.57	200	6 - 60	14
	P560EKF120	1.42	P560EKF277	0.62	P560EKF347	0.49	170	5 - 60	14
	P460EKF120	1.09	P460EKF277	0.47	P460EKF347	0.38	130	4 - 60	14
	P360EKF120	0.84	P360EKF277	0.36	P360EKF347	0.29	100	3 - 60	14

All transformers above are UL2161 Recognized and CSA Approved

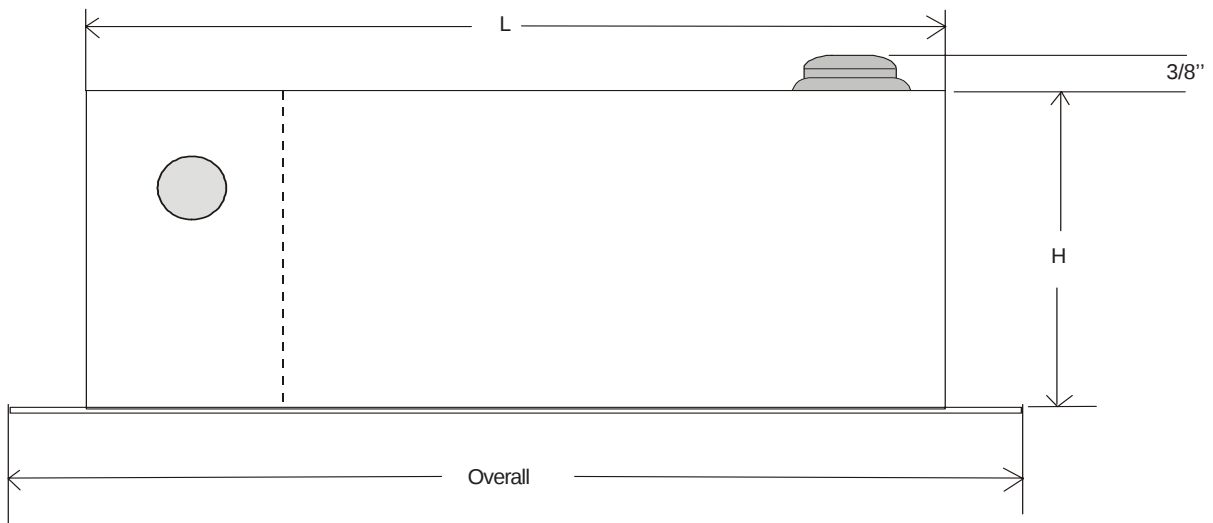


Self Contained Housing Style Transformers “EKF” Style



Note: There are 1/2" knockouts on all three sides,
and the bottom of the junction box.

Hot, Neutral, and Ground leads are pre-stripped and tinned



Drawing	Overall	L	W	H	M _L	M _w	Housing
A	13 3/8	12	3 5/8	3 1/8	12 5/8	2	1 3/4
B	17 3/8	16	3 5/8	3 1/8	16 5/8	2	1 3/4
C	15 3/8	14	3 5/8	3 1/8	14 5/8	2	1 3/4
D	19 3/8	18	3 5/8	3 1/8	18 5/8	2	1 3/4

Please note that the dimensions are measured in inches.



STANDARD OUTDOOR STYLE PROTECTOR™



1230BPX120



930CPX120

- **Secondary circuit ground fault protection**, *interrupting transformer output to eliminate the danger of a fire in case of an arc to ground.*
- **LED diagnostics**, *reduces troubleshooting time.*
- **Same dimension as all UL506 models**, *which means there is no need to redesign casings, raceways or existing signs in order to take advantage of a more reliable and safer transformer.*
- **A 29-minute by-pass switch**, *which enables efficient fault detection, in the same manner that you were accustomed to work with old UL506 transformers.*
- **Three automatic resets**, *eliminating nuisance tripping, providing continuous and better performance, thus saving service costs.*
- **Available in 277 and 347V**, *which results in potential cost savings, as you can install more transformers per circuit when compared to 120V applications.*

**STANDARD OUTDOOR STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF
NORMAL POWER FACTOR 120/277/347 VOLTS-60 HERTZ**

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART No.	LINE AMP	PART No.	LINE AMP	PART No.	LINE AMP			
A	1530BPX120	3.75	1530BPX277	1.62	1530BPX347	1.30	450	15 - 30	22
	1230BPX120	3.00	1230BPX277	1.30	1230BPX347	1.04	360	12 - 30	22
	1030BPX120	2.62	1030BPX277	1.14	1030BPX347	0.91	315	10.5 - 30	22
B	930CPX120	2.25	930CPX277	0.97	930CPX347	0.78	270	9 - 30	13
	7530CPX120	1.88	7530CPX277	0.81	7530CPX347	0.65	225	7.5 - 30	13
	630C120	1.50	630C277	0.65	630C347	0.52	180	6 - 30	13
	530C120	1.33	530C277	0.58	530C347	0.46	160	5 - 30	13
	430C120	1.17	430C277	0.51	430C347	0.40	140	4 - 30	13
	330C120	0.83	330C277	0.36	330C347	0.29	100	3 - 30	13
C	1560BPX120	7.50	1560BPX277	3.25	1560BPX347	2.60	900	15 - 60	36
	1260BPX120	6.00	1260BPX277	2.60	1260BPX347	2.08	720	12 - 60	35
A	960BPX120	4.50	960BPX277	1.95	960BPX347	1.57	540	9 - 60	22
	7560BPX120	3.75	7560BPX277	1.62	7560BPX347	1.30	450	7.5 - 60	22
	660BPX120	3.00	660BPX277	1.30	660BPX347	1.04	360	6 - 60	22
B	560CPX120	2.66	560CPX277	1.15	560CPX347	0.87	320	5 - 60	13
	460CPX120	2.40	460CPX277	1.04	460CPX347	0.69	290	4 - 60	13
	360CPX120	2.00	360CPX277	0.87	360CPX347	0.52	240	3 - 60	13

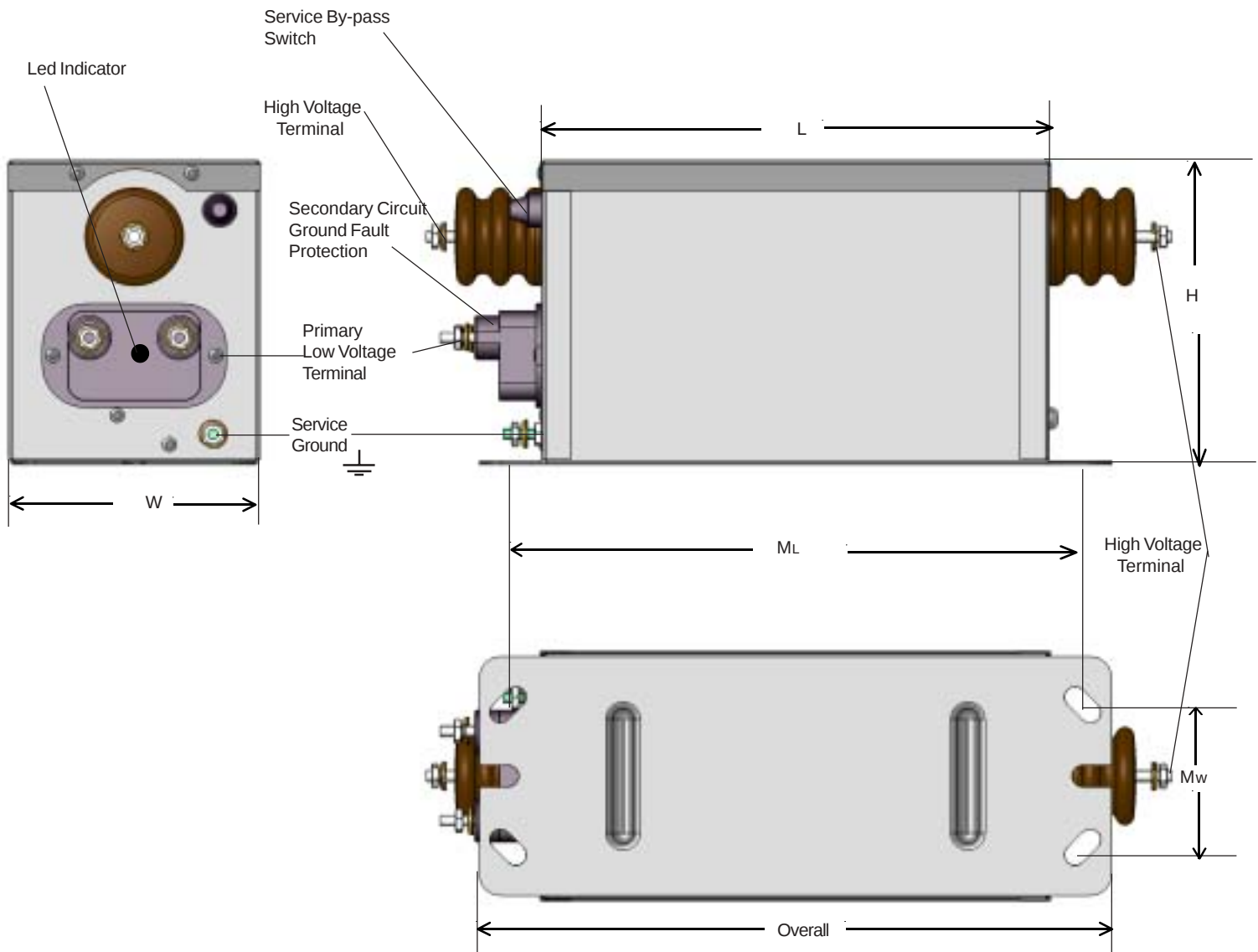
The above transformers are UL2161 Listed and CSA Approved

**STANDARD OUTDOOR STYLE , HEAVY DUTY OUTDOOR NON-WEATHERPROOF
HIGH POWER FACTOR 120/277/347 VOLTS-60 HERTZ**

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT lbs
	PART NO	LINE AMP	PART NO	LINE AMP	PART NO	LINE AMP			
D	P1530BPX120	2.08	P1530BPX277	0.90	P1530BPX347	0.72	250	15 - 30	23
	P1230BPX120	1.67	P1230BPX277	0.72	P1230BPX347	0.58	200	12 - 30	23
	P1030BPX120	1.46	P1030BPX277	0.63	P1030BPX347	0.50	170	10.5 - 30	23
E	P930CPX120	1.25	P930CPX277	0.54	P930CPX347	0.43	150	9 - 30	15
	P7530CPX120	1.04	P7530CPX277	0.45	P7530CPX347	0.36	125	7.5 - 30	15
	P630C120	0.83	P630C277	0.36	P630C347	0.29	100	6 - 30	15
	P530C120	0.75	P530C277	0.32	P530C347	0.26	90	5 - 30	15
	P430C120	0.62	P430C277	0.27	P430C347	0.22	75	4 - 30	15
	P330C120	0.46	P330C277	0.20	P330C347	0.16	55	3 - 30	15
C	P1560BPX120	4.17	P1560BPX277	1.81	P1560BPX347	1.44	500	15 - 60	36
	P1260BPX120	3.33	P1260BPX277	1.44	P1260BPX347	1.15	400	12 - 60	35
D	P960BPX120	2.50	P960BPX277	1.08	P960BPX347	0.86	300	9 - 60	23
	P7560BPX120	2.08	P7560BPX277	0.90	P7560BPX347	0.72	250	7.5 - 60	23
	P660BPX120	1.67	P660BPX277	0.72	P660BPX347	0.58	200	6 - 60	23
E	P560CPX120	1.42	P560CPX277	0.62	P560CPX347	0.49	170	5 - 60	15
	P460CPX120	1.09	P460CPX277	0.47	P460CPX347	0.38	130	4 - 60	15
	P360CPX120	0.85	P360CPX277	0.36	P360CPX347	0.29	100	3 - 60	15

The above transformers are UL2161 Listed and CSA Approved

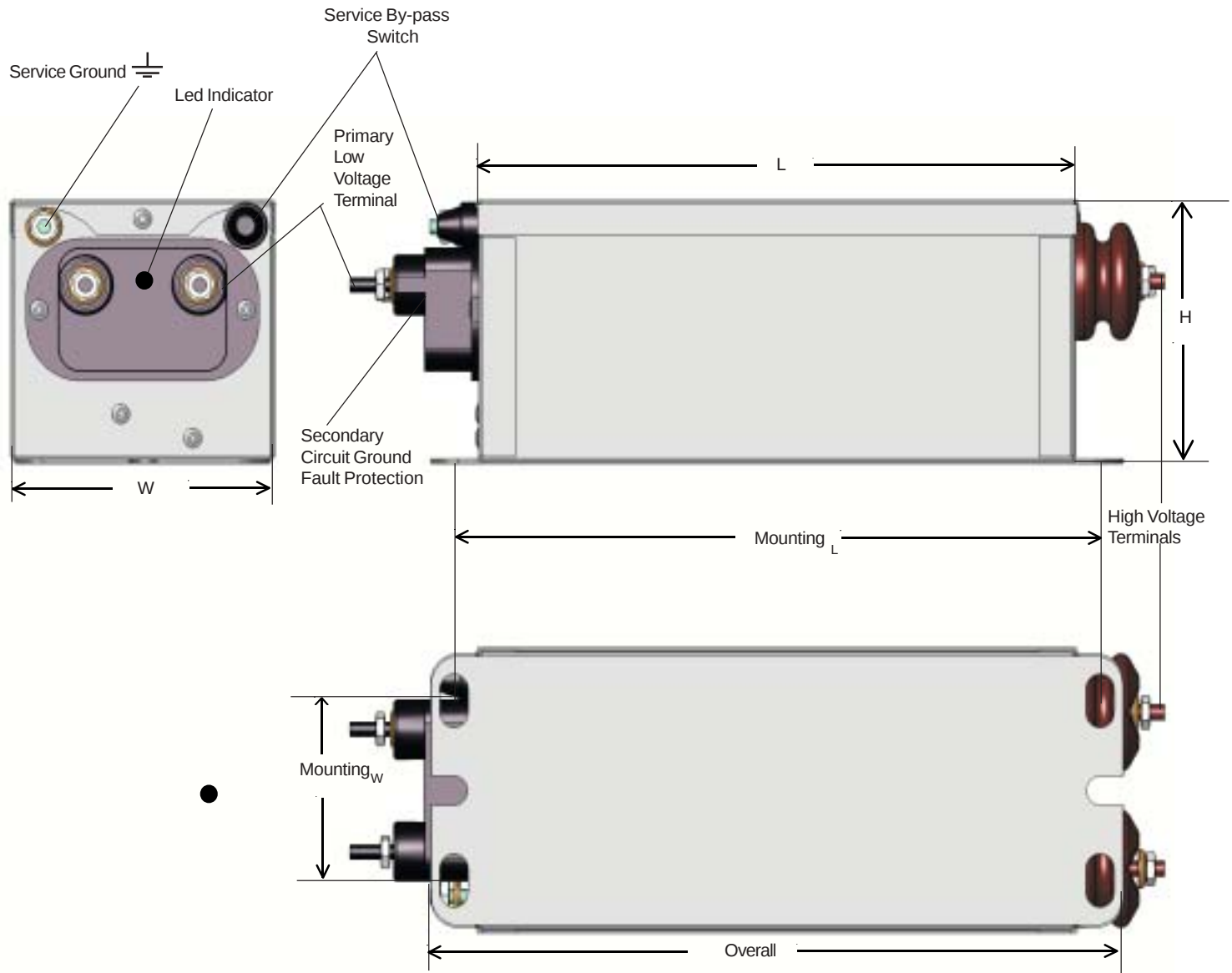
Standard Outdoor Protector™ “BPX” Style



Drawing	Overall	L	W	H	ML	Mw
A	11	9	4 3/8	5 3/8	10	2 1/2
C	11 1/8	9 1/2	5 3/8	6 1/2	10 1/8	2 1/2
D	11 1/4	9	4 3/8	6 3/8	10 1/4	2 1/2

Please note that the dimensions are measured in inches.

Standard Outdoor Protector™ “CPX” Style



Drawing	Overall	L	W	H	M _L	M _W
B	9 1/2	8 1/4	3 5/8	3 3/8	8 7/8	2
E	11 1/4	10	3 5/8	3 3/8	10 5/8	2

Please note that the dimensions are measured in inches.



UNITRAN™ PROTECTOR™ SELF-ENCLOSED STYLE TRANSFORMERS



1530FPX120

- **Outdoor non-weatherproof unitran enclosed design**, *providing pre-wiring for easy installation, eliminating the need for a transformer box and primary switch.*
- **Secondary circuit ground fault protection**, *interrupting transformer output to eliminate the danger of a fire in case of an arc to ground.*
- **Three automatic resets**, *eliminates nuisance tripping, provides continuous and better performance, thus saving service costs.*
- **A 29-minute by-pass switch**, *which enables efficient fault detection, in the same manner that you were accustomed to work with the old UL506 transformers.*
- **High power factor, 277 and 347 Volt models**, *which allows installation of more units on one circuit, saving material and labour costs.*

Unitran Protector, Self-Enclosed Style Transformers
NORMAL POWER FACTOR 120/277/347 VOLTS-60 HERTZ

DRAWING	120V		277V		347V		VA	SECONDARY kV-mA	WT. lbs
	PART NO	LINE AMP	PART NO	LINE AMP	PART NO	LINE AMP			
A	1530FPX120	3.75	1530FPX277	1.62	1530FPX347	1.30	450	15 - 30	23
	1230FPX120	3.00	1230FPX277	1.30	1230FPX347	1.04	360	12 - 30	23
	1030FPX120	2.62	1030FPX277	1.14	1030FPX347	0.91	315	10.5 - 30	23
	930FPX120	2.25	930FPX277	0.97	930FPX347	0.78	270	9 - 30	15
	7530FPX120	1.88	7530FPX277	0.81	7530FPX347	0.65	225	7.5 - 30	15
	630F120	1.58	630F277	0.69	630F347	0.55	180	6 - 30	13
	530F120	1.33	530F277	0.58	530F347	0.46	160	5 - 30	13
	430F120	1.17	430F277	0.51	430F347	0.40	140	4 - 30	13
	330F120	0.83	330F277	0.36	330F347	0.29	100	3 - 30	13
B	1560FPX120	7.50	1560FPX277	3.25	1560FPX347	2.60	900	15 - 60	37
	1260FPX120	6.00	1260FPX277	2.60	1260FPX347	2.08	720	12 - 60	37
A	960FPX120	4.50	960FPX277	1.95	960FPX347	1.56	540	9 - 60	23
	7560FPX120	3.75	7560FPX277	1.62	7560FPX347	1.30	450	7.5 - 60	23
	660FPX120	3.00	660FPX277	1.38	660FPX347	1.04	360	6 - 60	23
	560FPX120	2.66	560FPX277	1.15	560FPX347	0.92	320	5 - 60	23
	460FPX120	2.40	460FPX277	1.04	460FPX347	0.83	280	4 - 60	23
	360FPX120	2.00	360FPX277	0.87	360FPX347	0.69	240	3 - 60	23

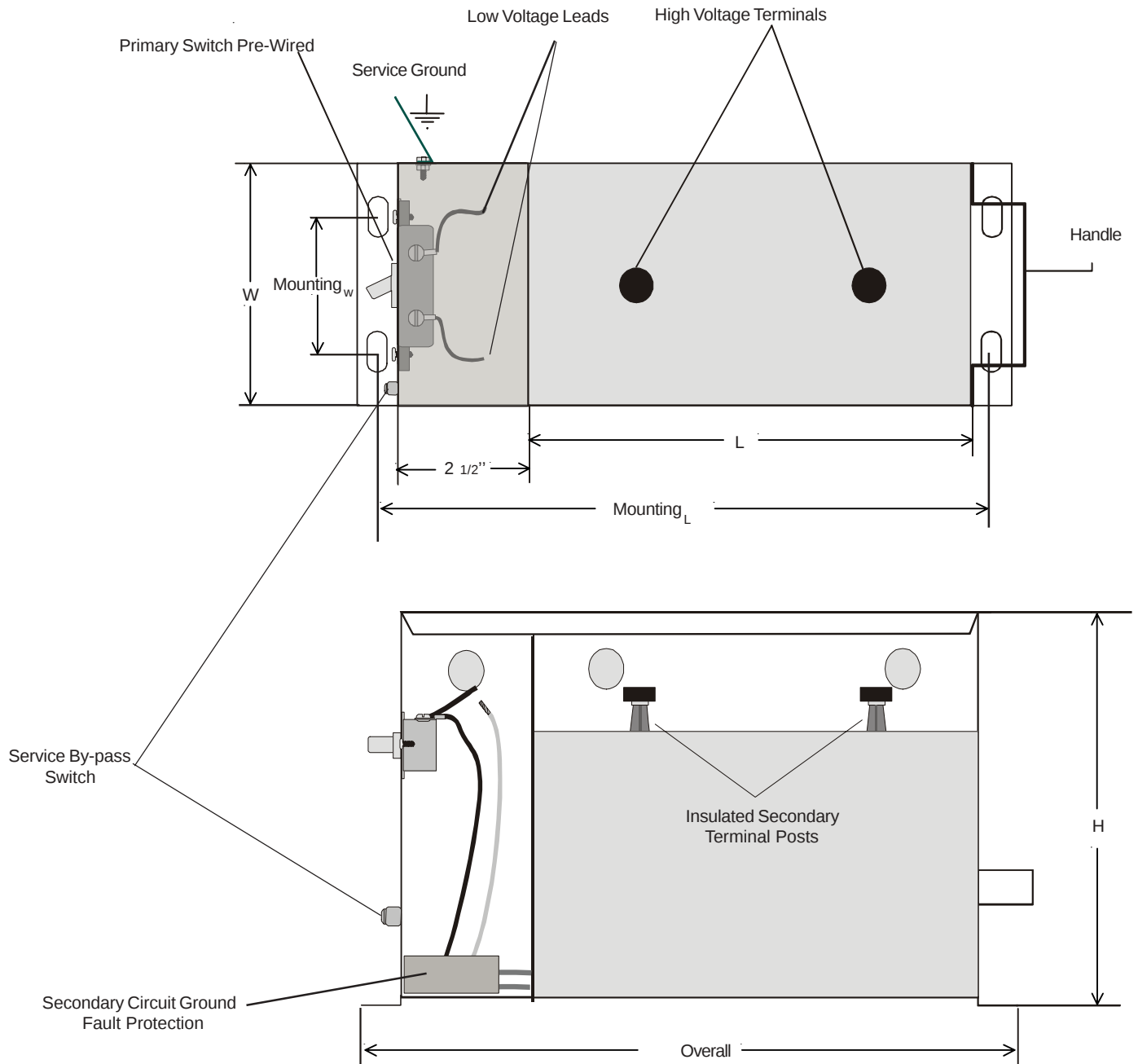
The above transformers are UL2161 Listed and CSA Approved

Unitran Protector, Self-Enclosed Style Transformers
HIGH POWER FACTOR 120/277/347 VOLTS-60 HERTZ

DRAWING	120V		277V		347V		VA.	SECONDARY kV-mA	WT. lbs
	PART NO	LINE AMP	PART NO	LINE AMP	PART NO	LINE AMP			
A	P1530FPX120	2.08	P1530FPX277	0.90	P1530FPX347	0.72	250	15 - 30	23
	P1230FPX120	1.67	P1230FPX277	0.72	P1230FPX347	0.58	200	12 - 30	23
	P1030FPX120	2.62	P1030FPX277	0.63	P1030FPX347	0.50	170	10.5 - 30	23
	P930FPX120	1.25	P930FPX277	0.54	P930FPX347	0.43	150	9 - 30	15
	P7530FPX120	1.04	P7530FPX277	0.45	P7530FPX347	0.36	125	7.5 - 30	15
	P630F120	0.83	P630F277	0.36	P630F347	0.29	100	6 - 30	15
	P530F120	0.75	P530F277	0.32	P530F347	0.26	90	5 - 30	15
	P430F120	0.62	P430F277	0.27	P430F347	0.22	75	4 - 30	15
	P330F120	0.46	P330F277	0.20	P330F347	0.16	55	3 - 30	15
B	P1560FPX120	4.17	P1560FPX277	1.81	P1560FPX347	1.44	500	15 - 60	37
	P1260FPX120	3.33	P1260FPX277	1.44	P1260FPX347	1.15	400	12 - 60	37
A	P960FPX120	2.50	P960FPX277	1.08	P960FPX347	0.87	300	9 - 60	23
	P7560FPX120	2.08	P7560FPX277	0.90	P7560FPX347	0.72	250	7.5 - 60	23
	P660FPX120	1.67	P660FPX277	0.72	P660FPX347	0.57	200	6 - 60	23
	P560FPX120	1.42	P560FPX277	0.62	P560FPX347	0.49	170	5 - 60	23
	P460FPX120	1.08	P460FPX277	0.47	P460FPX347	0.38	130	4 - 60	23
	P360FPX120	0.83	P360FPX277	0.37	P360FPX347	0.29	100	3 - 60	23

The above transformers are UL2161 Listed and CSA Approved

UNITRAN™ PROTECTOR™ SELF-ENCLOSED STYLE TRANSFORMERS “FPX”



DRAWING	Overall	L	W	H	M _L	M _w
A	12 1/2	10 3/4	4 1/2	7 1/8	11 3/4	2 1/2
B	13 1/4	11 1/2	5 3/8	8 1/4	12 1/2	2 1/2

Please note that the dimensions are measured in inches.



POW-R-PAK™



SS935EK

SS935EK Housing style transformers with integral porcelain sockets.



SS1235BOH

SS1235BOH 2" high metal case, high light output, outdoor power supply.



SS 935 OH

SS935OH Low profile plastic case (1.5"), high light output.



SS 935 ICHS

SS935ICHS Low profile plastic case (1.5") high light output Side Exit GTO.

- **Intelligent diagnostics of ground fault and open circuit protection**, *simplifies service and gives you greater security.*
- **Overload detection**, *gives you the opportunity to properly match the size of your neon sign before the final installation, therefore saving you time, money and the cost of a replacement transformer.*
- **Sleeveless GTO # 16 AWG 15 kV and 36" long**, *eliminates the need for additional sleeving and GTO splicing, thus minimizes losses.*
- **Lightweight and compact, constructed for tight application**, *making it more convenient to install the sign.*
- **Side exit GTO option**, *allowing easier installation in compact applications.*

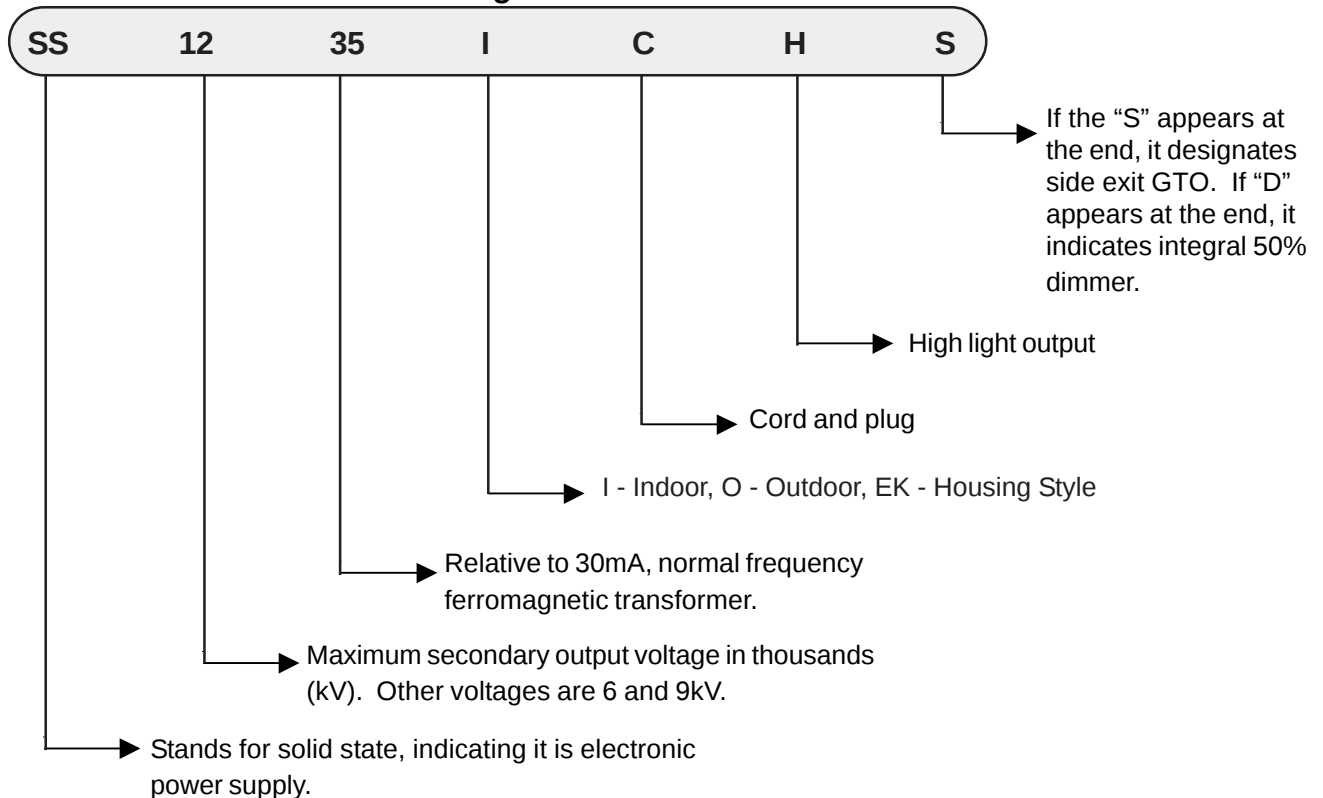


Pow-R-Pak™ Neon Power Supply, 120 Volts, 60 Hertz

Drawing	PART No.	VA.	LINE AMP	SECONDARY kV	SECONDARY mA	WT lbs
Indoor High Light Output, Self Adjusting Voltage , Normal Power Factor						
A	SS1235ICH	300	2.50	2-12	35	1.9
	SS1235ICHs	300	2.50	2-12	35	1.9
	SS1235ICD	300	2.50	2-12	35	1.9
	SS935ICH	100	1.50	2-9	35	1.9
	SS935ICHs	100	1.50	2-9	35	1.9
	SS935ICD	100	1.50	2-9	35	1.9
	SS635ICH	65	1.00	2-6	35	1.9
	SS635ICHs	65	1.00	2-6	35	1.9
	SS635ICD	65	1.00	2-6	35	1.9
Outdoor Normal Light Output, Self Adjusting Voltage, High Power Factor						
C	SS935EK	110	0.90	2-9	35	4.1
D	SS935BO	120	1.00	2-9	30	3.6
Outdoor High Light Output, Self Adjusting Voltage, Normal Power Factor						
D	SS1235BOH	120	2.50	2-12	40	3.6
	SS960OH	120	3.50	2-9	60	3.6
B	SS935OH	220	2.00	2-9	40	1.6
	SS935OHS	220	2.00	2-9	40	1.6
	SS660OH	200	2.50	2-6	60	1.6
	SS635OH	200	1.50	2-6	40	1.6
	SS635OHS	200	1.50	2-6	40	1.6

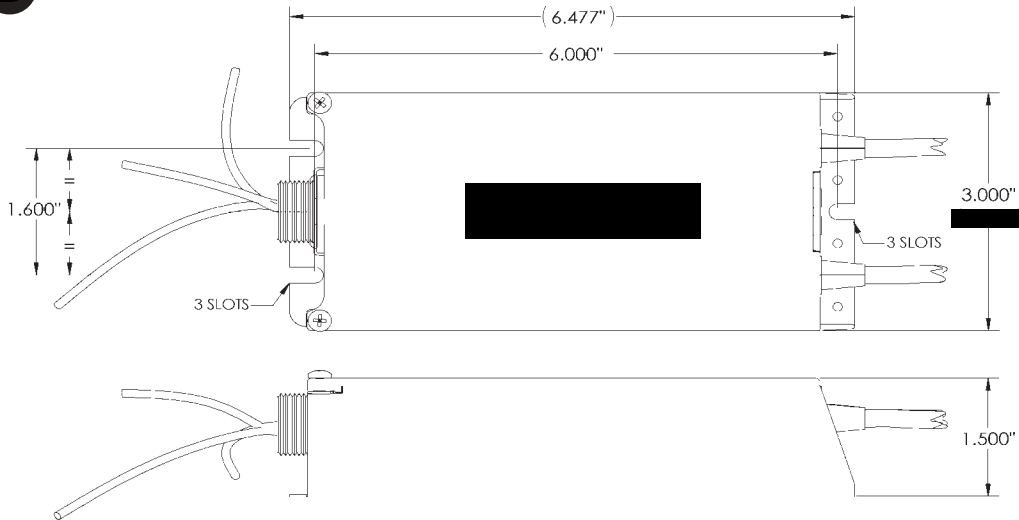
The above models are UL2161 Listed and CSA Approved

Significance of Part Number



Neon Power Supply Outdoor "SS935OH & SS935ICH" Style

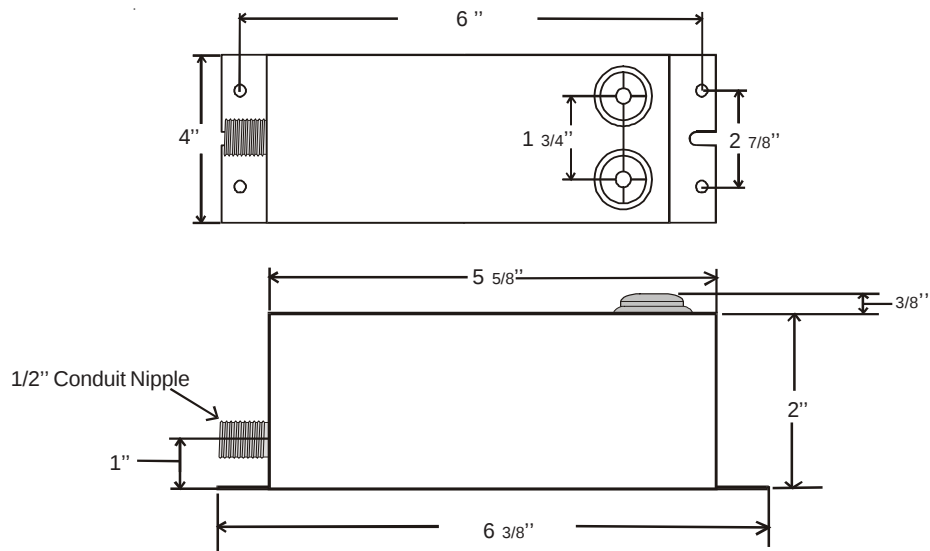
A & **B**



Note: Indoor and Outdoor styles have the same dimension.

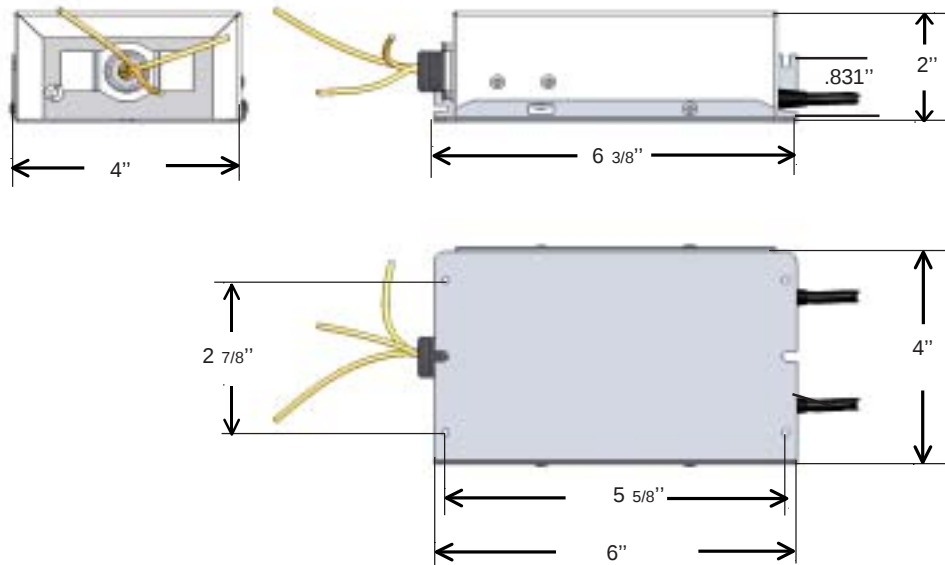
Housing Power Supply Outdoor "SS935EK" Style

C



Neon Power Supply Outdoor "SS1235BOH" Style

D



Please note that the dimensions are measured in inches.

Pow-R-Pak™ Testing



100% functional test gives you the confidence that our products perform.

INDOOR FRAME MOUNT NEON TRANSFORMERS



930FNPD

- **Pull chain dimming model is available**, giving you the flexibility to change light output by 50%.
- **Supplied with cord and plug, primary switch and secondary GTO leads**, saving wiring costs during installation of your neon signs.
- **Sleeveless GTO # 16 AWG 15 kV**, eliminates the need for additional sleeving, thus minimizes losses while operating the electrical sign.
- **Ground fault protection**, giving you greater security.
- **Compact design lighter than standard transformer**, allows usage in window “beer sign” style signs.

INDOOR FRAME MOUNT

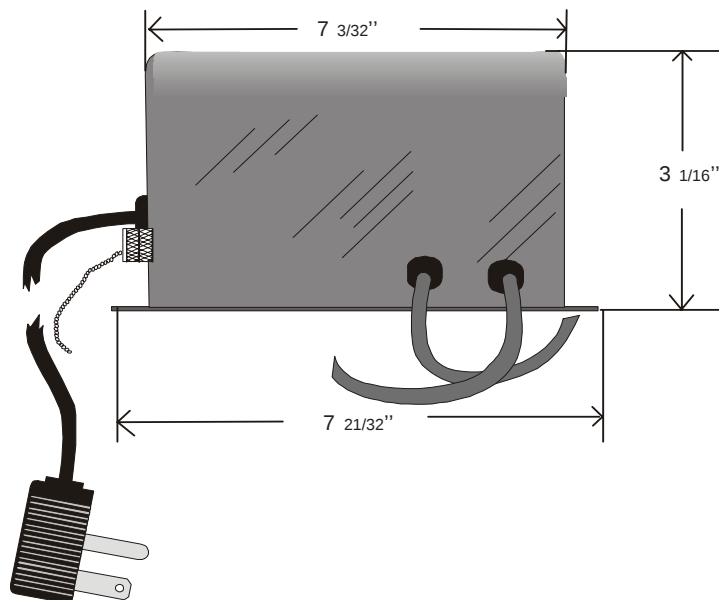
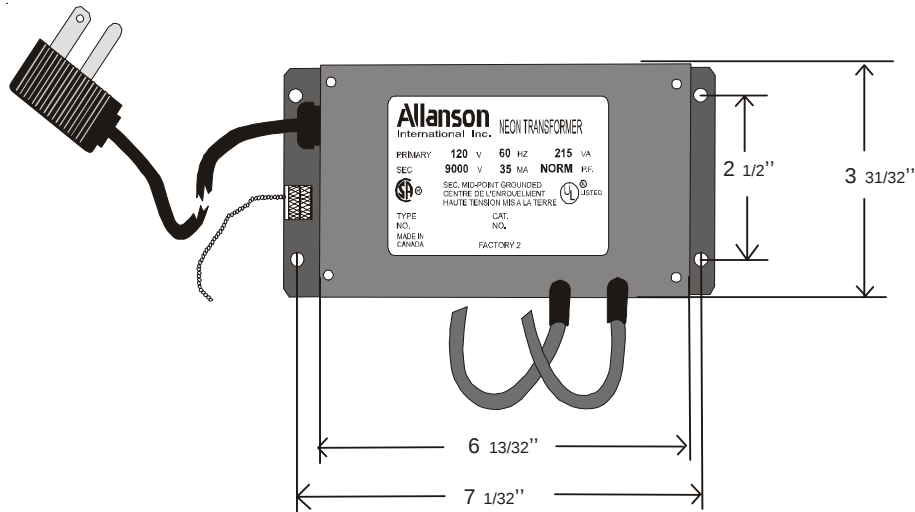
NORMAL POWER FACTOR 120-VOLTS, 60 Hz

PART No.		VA	LINE AMP	SECONDARY kV-mA	WT. lbs
Regular	With 50% Dimmer				
930FNP	930FNPD	270	2.25	9 - 30	9
7530FNP	7530FNPD	225	1.88	7.5 - 30	9
630FNP	630FNPD	190	1.50	6 - 30	9
530FNP	530FNPD	160	1.33	5 - 30	9
330FNP	330FNPD	100	0.83	3 - 30	9

The above transformers are UL2161 Listed and CSA Approved

* Not Ground Fault Protected

Indoor Frame Mount "FNP" Style



Please note that the dimensions are measured in inches.

INDOOR HANGER TYPE NEON TRANSFORMERS



930HP120

1530HP120

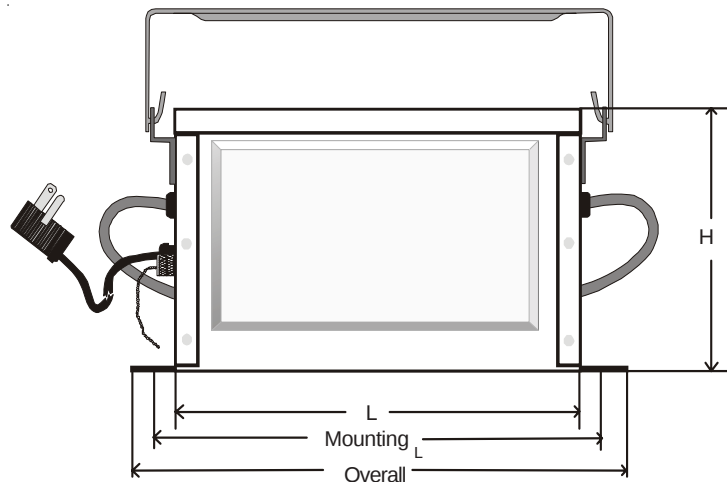
- **Hanging bracket**, enabling easier installation and dual mounting methods in indoor applications.
- **Secondary circuit ground fault protection**, interrupting transformer output to eliminate the danger of a fire in case of an arc to ground.
- **Supplied with cord and plug, primary switch and secondary GTO leads**, saving wiring costs during installation of your neon signs.
- **Sleeveless GTO # 16 AWG 15 kV**, eliminates the need for additional sleeving, thus minimizes losses while operating the electrical sign.

INDOOR HANGER STYLE NORMAL POWER FACTOR 120-VOLTS, 60 Hz

DRAWING	PART No.	VA	LINE AMP	SECONDARY KV-MA	WT lbs
A	1530HP120	470	3.90	15 - 30	22
	1230H120	360	3.00	12 - 30	22
B	930H120	295	2.50	9 - 30	13
	7530HP120	245	2.05	7.5 - 30	13

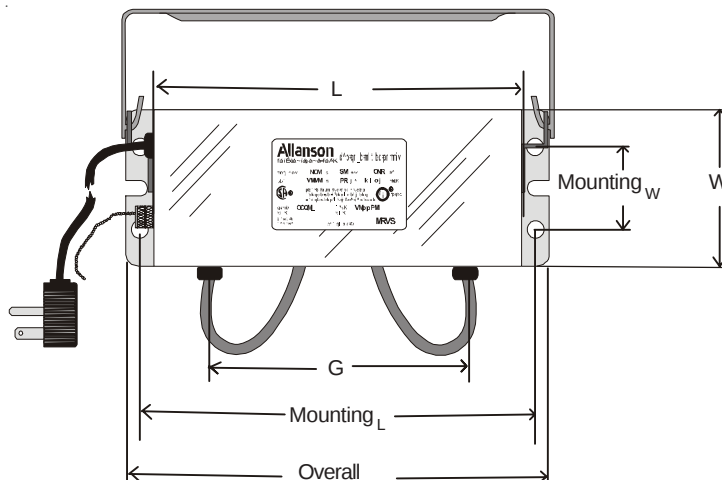
The above transformers are UL2161 Listed and CSA Approved

A



**12 kV & 15 kV
Design**

B

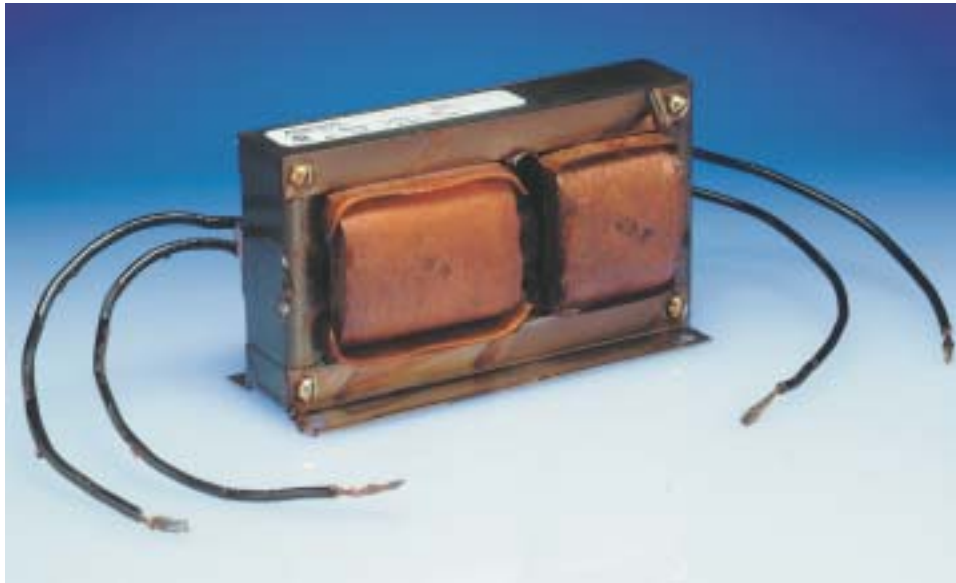


**7.5 kV & 9 kV
Design**

DRAWING	Overall	L	W	H	M _L	M _W	G
A	11 1/4	9	6 3/8	4 3/8	10 1/4	2 1/2	9
B	9 1/2	8 1/4	3 3/8	3 5/8	8 7/8	2	4 1/2

Please note that the dimensions are measured in inches.

CORE AND COIL TRANSFORMERS



Core and Coil

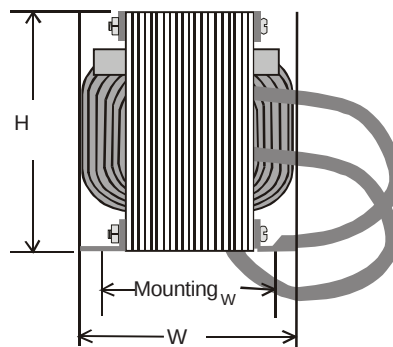
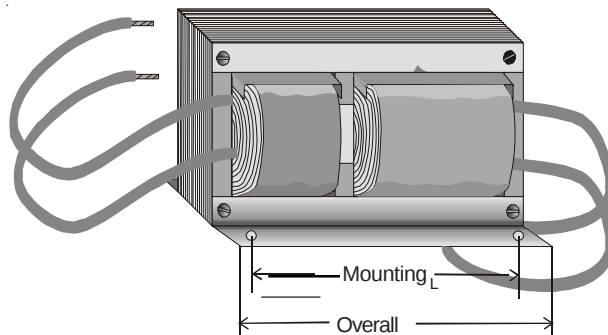
- **Light and compact**, *which means it fits in very tight spaces and it is easier to install.*
- **Tooled steel for consistent output current**, *enabling constant and reliable performance.*

CORE AND COIL STYLE - INDOOR USE ONLY
NORMAL POWER FACTOR 120-VOLTS, 60 Hz

DRAWING	PART No.	TYPE No.	VA	LINE AMP	SECONDARY kV-mA	WT lbs
A	75S20	2018*	160	1.35	7.5 - 20	5 3/4
B	60S20	2222	130	1.10	6 - 20	4 3/4
C	50S20	2017	110	0.90	5 - 20	4
D	40S20	2214	90	0.75	4 - 20	3 3/4
E	30S30	2142	100	0.85	3 - 30	3 3/8
F	30S20	2016	70	0.60	3 - 20	3 1/4
G	20S20	2074	50	0.42	2 - 20	2 3/4

All models above are CSA Approved

*Mid-Point Grounded-Balanced Design



Drawing	Overall	L	W	H	M _L	M _W
A	5 3/4	5 3/4	2 9/16	3	5 3/16	2 1/16
B	5 3/4	5 3/4	2 1/16	3	5 3/16	1 5/8
C	5 3/4	5 3/4	2	3	5 3/16	1 7/16
D	4 3/16	4 3/16	2 1/4	3	3 1/2	2 1/16
E	4 3/16	4 3/16	2 1/8	3	3 1/2	1 7/8
F	4 3/16	4 3/16	1 7/8	3	3 1/2	1 1/2
G	4 3/16	4 3/16	1 3/4	3	3 1/2	1 3/8

Please note that the dimensions are measured in inches.

COLD CATHODE TRANSFORMERS



9120B120

- **Mid-point grounded and balanced design**, *providing safer operation of your neon sign.*
- **High power factor models are available**, *which allows installation of more units on one circuit, saving material and labour costs.*
- **Low temperature rise**, *providing lower operating temperature, reducing the probability of heat problems and extending longevity of the installation.*

**COLD CATHODE STYLE - HEAVY DUTY OUTDOOR NON-WEATHERPROOF
NORMAL POWER FACTOR 120-VOLTS, 60 Hz**

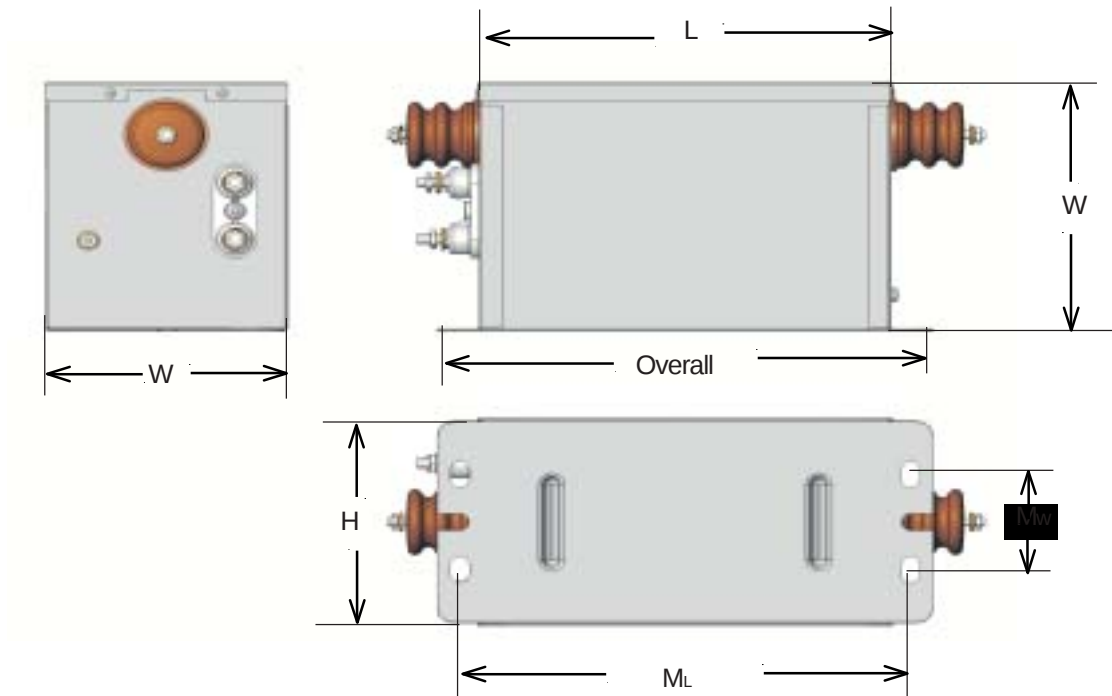
DRAWING	PART No.	VA	LINE AMP	SECONDARY kV-mA	WT lbs
A	9120B120	1080	9.40	9 - 120	39
B	75120B120	900	7.80	7.5 - 120	35
	5120B120	600	5.20	5 - 120	32

All models above are UL2161 Recognized and CSA Approved

**COLD CATHODE STYLE - HEAVY DUTY OUTDOOR NON-WEATHERPROOF
HIGH POWER FACTOR 120-VOLTS, 60 Hz**

DRAWING	PART No.	VA	LINE AMP	SECONDARY kV-mA	WT lbs
A	P9120B120	540	4.70	9 - 120	43
B	P75120B120	450	3.90	7.5 - 120	39
	P5120B120	300	2.60	5 - 120	35

All models above are UL2161 Recognized and CSA Approved



Drawing	Overall	L	W	H	ML	Mw
A	11 1/8	9 1/2	5 5/8	7 3/8	10 1/8	2 1/2
B	11 1/8	9 1/2	5 5/8	6 1/2	10 1/8	2 1/2

Please note that the dimensions are measured in inches.



EUROPEAN MODELS 220V,50Hz, POW-R-PAK™



European Models, 220V, 50 Hz, Pow-R-Pak™

Allanson has proven that the POW-R-PAK™ is the most reliable solid state power supply for Neon applications. The POW-R-PAK™ offers the brightness and strength of a conventional 9kV electromagnetic transformer plus the following benefits:

- **Intelligent diagnostics of ground fault and open circuit protection**, *simplifies service and gives you greater security.*
- **Sleeveless GTO # 16 AWG 15 kV and 36" long**, *eliminates the need for additional sleeving and GTO splicing, thus minimizes losses.*
- **High power factor models are available**, *which allows installation of more units on one circuit, saving material and labour costs.*
- **Standard IEC socket for universal input cord**, *allowing safer and wider regional usage.*
- **Self adjusting output voltage 2KV-9KV**, *which is adaptable to a wider range of applications, thus saves money.*

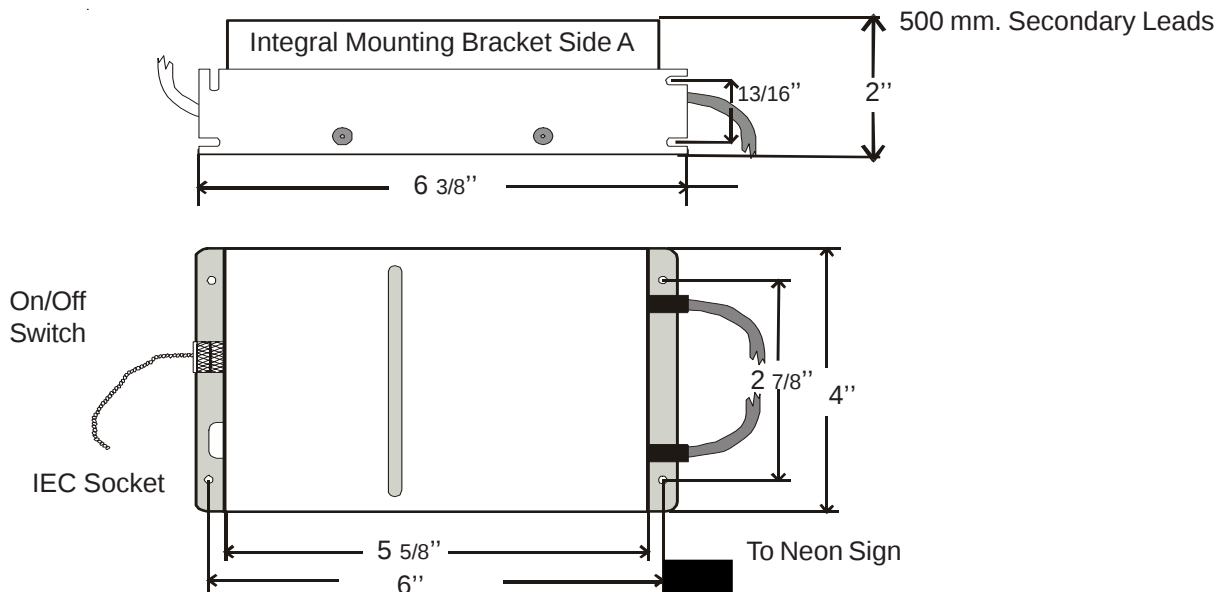


European Models (Pow-R-Pak™) 220V, 50 Hz

Open Circuit Secondary Voltage (Volts)	Appox Consumption (Watts)	Clear or Fluorescent Red Size Milimetres Tube										
		25	22	20	18	15	14	13	12	11	10	9
9,000	90	67	57	48	40	33	30	29	26	22	19	15
7,200	82	51	41	34	28	24	23	22	20	16	13	11
2,000	45					7	6	6	6	5	4	4
Recommended Gas Pressure		6	7	7 1/2	8	9	10	10	11	12	13	15
Open Circuit Secondary Voltage (Volts)	Appox Consumption (Watts)	Clear or Fluorescent Mercury filled tubes. All Colors Outdoor Applications (Temp 40°F or below) Size Milimetres Tube										
		25	22	20	18	15	14	13	12	11	10	9
9,000	90	60	51	43	36	30	27	26	23	20	17	13
7,200	82	46	37	30	25	21	20	20	18	15	12	10
2,000	45					6	6	5	5	5	4	3
Recommended Gas Pressure		6	7	7 1/2	8	9	10	10	11	12	13	15

All models are IEC Listed

PART NO	PRIMARY VA	INPUT AMP	SECONDARY kV-mA	WT (lbs)
2250-B-CE	90	0.37	9 - 30	2.2



Please note that the dimensions are measured in inches.

**EUROPEAN MODELS 220V, 50Hz
STANDARD OUTDOOR TRANSFORMER**



**European models, 220V, 50Hz
Standard Outdoor Transformer**

The Standard Outdoor Transformers are uniquely suited for the rigorous demands of Neon lighting and are available in a wide range of voltages to fit most applications. The transformers are also available in Hanger style (1030H220), Unitran style (630F220), and Housing style (630EK220).

- **Coiled with special high rated magnet wire**, *allowing cooler performance and increasing longevity.*
- **Models are flashable and dimmable**, *which can be used in any neon lighting application.*
- **Slotted mounting holes at 45 degrees**, *which means easier installation of your neon signs.*
- **Mount in any orientation**, *facilitating installation versatility.*
- **Extra encapsulation of core and coil**, *providing a corona free assembly, resulting in unit longevity and reliability.*

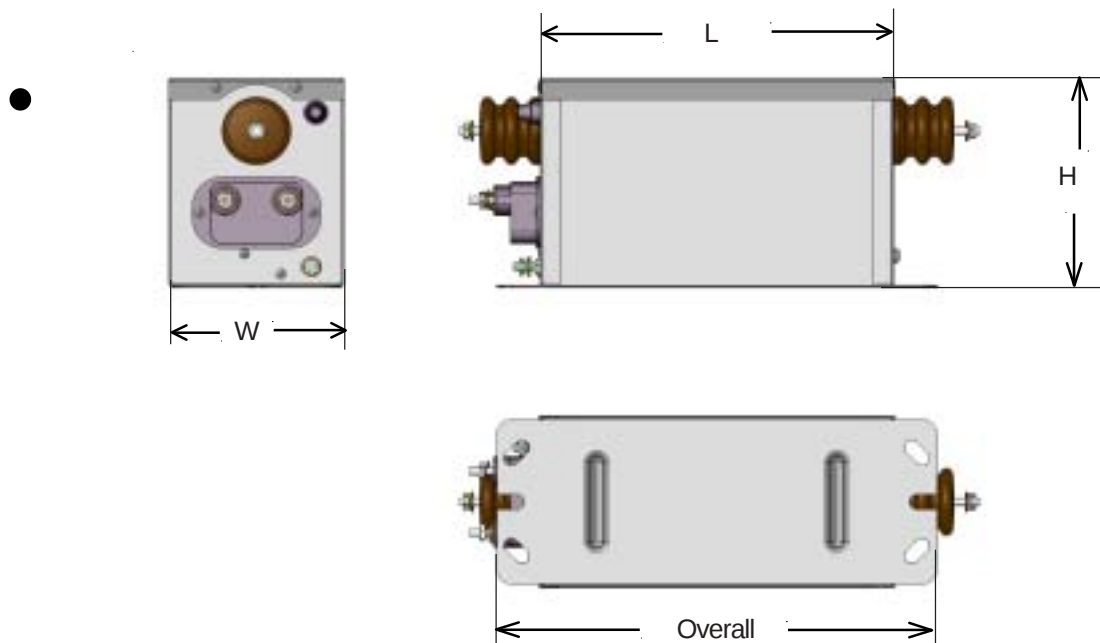
Standard Outdoor Heavy Duty-Non Weatherproof

DRAWING	Part No.	VA	Line Amp	Voltage	Sec.kV	Sec.mA
A	1230B220	360	1.63	220	12	30
A	1030B220	315	1.43	220	10.5	30
A	930B220	270	1.23	220	9	30
B	7530C220	225	1.02	220	7.5	30
B	630C220	180	0.82	220	6	30
B	530C220	160	0.72	220	5	30
B	430C220	140	0.64	220	4	30
B	330C220	100	0.45	220	3	30
B	230C220	67	0.30	220	2	30

All models exceed IEC standards

Please refer to page 14 (BPX drawing) for the drawing of this product.

European Models 220V, 50Hz, Standard Outdoor Transformer



Drawing	Overall	L	W	H	WT lbs
A	11	9	4 3/8	5 3/8	22
B	9	8 1/4	3 5/8	3 3/8	13

Please note that the dimensions are measured in inches.