

P8G-2B Series Neon Transformers

P8G-2B Features

- >Easy access terminals
- >Service switch
- >Top visible diagnostic LED
- >Pre-wired primary leads
- >Carry handle
- >UL compliant stepped base plate



Ease of Installation - Patented angled bushings for greater visibility and ease of access to electrical connections, LED, and service button. Does not block mounting screws and the step plate eliminates double-nutting.

Built-in carrying handle

Primary wiring requirements of a non-SGFI transformer - With the added safety of a Secondary Ground Fault Protection with simple wire nut connections.

User friendly - Adapts to most grounding situations.

Easy wiring methods - Virtual midpoint and series wiring methods.

Secondary Circuit Ground Fault Protection - (SGFP) Disables unit upon detection of arcs to ground in compliance with UL2161, C22.2 No. 255, and NEC requirements.

Visible advanced diagnostic LED - Faster, easier troubleshooting is provided by an intelligent circuit that detects both primary and secondary faults and communicates the cause of the fault using the on-board LED.

Auto reset - After secondary ground fault, automatically attempts to reset three times within ten seconds. Manual reset is possible any time by disconnecting and reconnecting primary power.

Last Fault Recall - Allows service technician to retrieve the last fault experienced, even after the fault condition has been cleared.

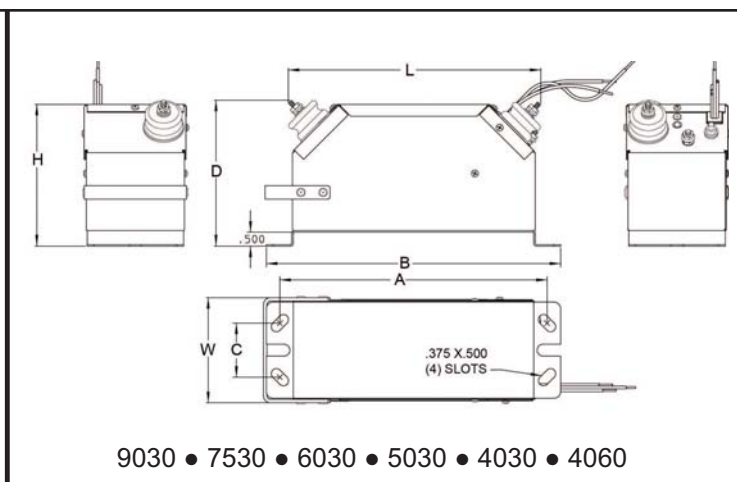
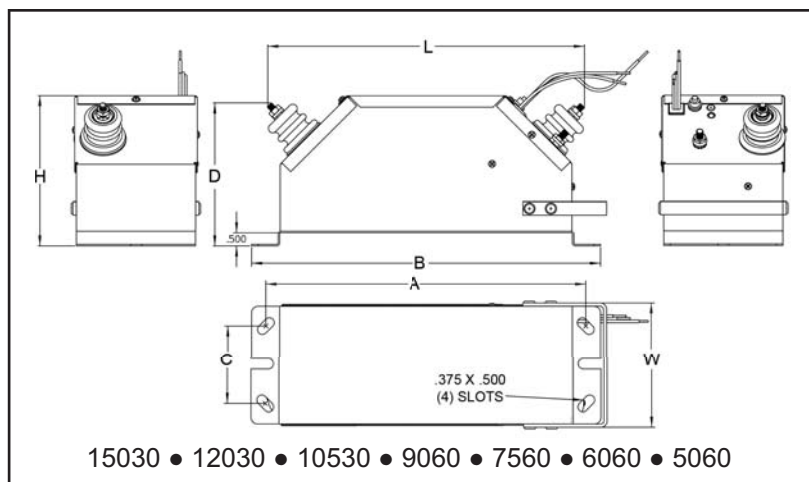
Bypass feature - For easy troubleshooting of ground faults, overrides the SGFP feature for up to 30 minutes.

Can be used in flashing/dimming applications*

*UL does not have listing requirements for transformers remotely dimmed or flashed

Electrical and Mechanical Data

Cat alog Number	VAC	Hz	Secondary		Primary VA	Input Amp s	Wt. Lbs.	Case Dimensions						
			Volts	mA				L	W	H	A	B	C	D
15030 P8G-2B	120	60	15000	30	435	3.60	21	12.13	4.79	5.72	12.23	13.36	3.0	5.5
12030 P8G-2B	120	60	12000	30	380	3.15	18	12.13	4.79	5.72	12.23	13.36	3.0	5.5
10530 P8G-2B	120	60	10500	30	310	2.55	18	12.13	4.79	5.72	12.23	13.36	3.0	5.5
9030 P8G-2B	120	60	9000	30	285	2.35	13	9.22	3.89	5.25	9.87	10.87	2.0	5.5
7530 P8G-2B	120	60	7500	30	250	2.10	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
6030 P8G-2B	120	60	6000	30	200	1.65	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
5030 P8G-2B	120	60	5000	30	170	1.40	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
4030 P8G-2B	120	60	4000	30	140	1.15	11	9.22	3.89	5.25	9.87	10.87	2.0	5.5
9060 P8G-2B	120	60	9000	60	565	4.70	24	12.13	4.79	5.72	12.23	13.36	3.0	5.5
7560 P8G-2B	120	60	7500	60	460	3.85	21	12.13	4.79	5.72	12.23	13.36	3.0	5.5
6060 P8G-2B	120	60	6000	60	370	3.10	19	12.13	4.79	5.72	12.23	13.36	3.0	5.5
5060 P8G-2B	120	60	5000	60	310	2.60	18	12.13	4.79	5.72	12.23	13.36	3.0	5.5
4060 P8G-2B	120	60	4000	60	265	2.20	13	9.22	3.89	5.25	9.87	10.87	2.0	5.5
15030 P8G-2B	277	60	15000	30	425	1.55	21	12.13	4.79	5.72	12.23	13.36	3.0	5.5
12030 P8G-2B	277	60	12000	30	385	1.40	19	12.13	4.79	5.72	12.23	13.36	3.0	5.5
10530 P8G-2B	277	60	10500	30	310	1.15	19	12.13	4.79	5.72	12.23	13.36	3.0	5.5
9030 P8G-2B	277	60	9000	30	275	1.00	13	9.22	3.89	5.25	9.87	10.87	2.0	5.5
7530 P8G-2B	277	60	7500	30	235	.85	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
6030 P8G-2B	277	60	6000	30	190	.70	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
5030 P8G-2B	277	60	5000	30	160	.60	12	9.22	3.89	5.25	9.87	10.87	2.0	5.5
4030 P8G-2B	277	60	4000	30	130	.50	11	9.22	3.89	5.25	9.87	10.87	2.0	5.5
9060 P8G-2B	277	60	9000	60	560	2.05	24	12.13	4.79	5.72	12.23	13.36	3.0	5.5
7560 P8G-2B	277	60	7500	60	460	1.65	21	12.13	4.79	5.72	12.23	13.36	3.0	5.5
6060 P8G-2B	277	60	6000	60	385	1.41	20	12.13	4.79	5.72	12.23	13.36	3.0	5.5
5060 P8G-2B	277	60	5000	60	330	1.20	19	12.13	4.79	5.72	12.23	13.36	3.0	5.5
4060 P8G-2B	277	60	4000	60	240	.87	13	9.22	3.89	5.25	9.87	10.87	2.0	5.5



DIAGNOSTIC LED FAULT CODES	
LED Fault Code	Indicates
Steady ON	Operating normally
Continuous Flashing	In Service Mode
1 - Flash	15 second Diagnostic & Auto Reset Mode
2 - Flash	Secondary Ground Fault with service ground connected
3 - Flash	Secondary Ground Fault when service ground not connected
4 - Flash	Input Voltage exceeds 120% of rated
5 - Flash	Line & Neutral reversed on input connections