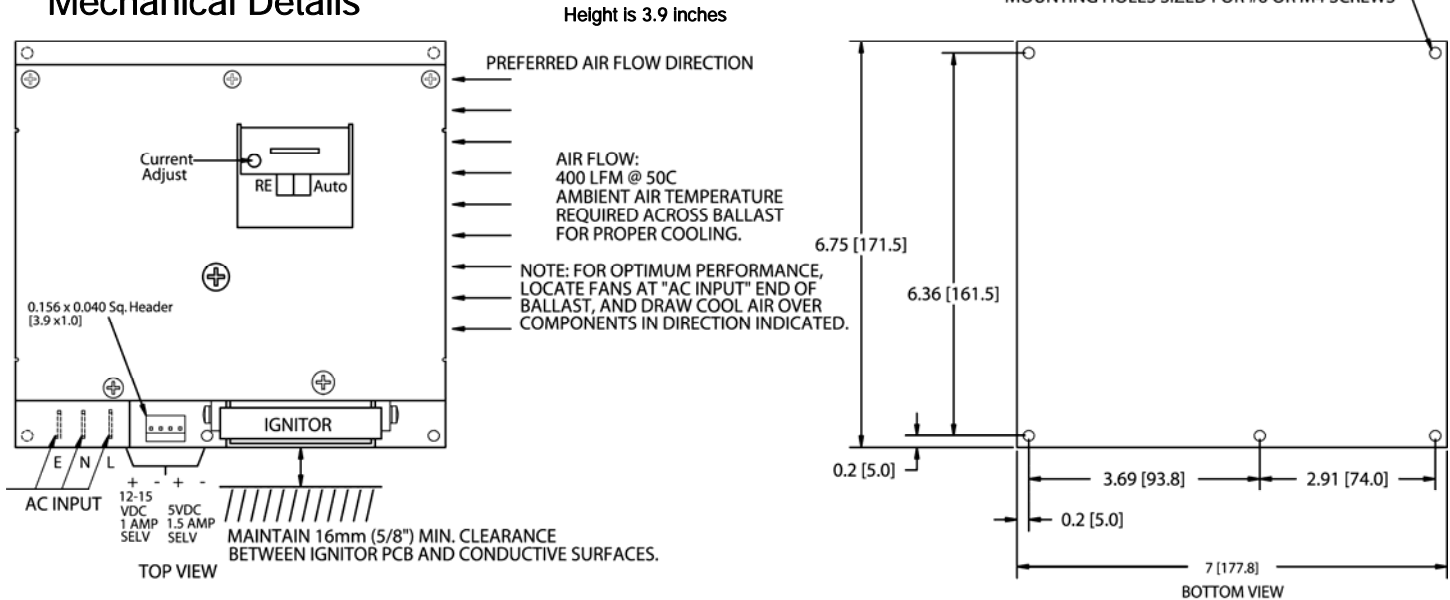


SafeArc™ PFC 500 Watt Xenon

NOTE: Dimensions are in inches with metric referenced in brackets.

Mechanical Details



Electrical Specifications

Input Voltage:	90-265VAC, wide range
Input Frequency:	47-63 Hz
Power Factor:	>0.95
Inrush Current:	30 amps peak @ 120VAC
Hold Up Time:	4msec @120VAC
Leakage Current:	<150/300 mA @ 120/240VAC
Output Current:	31.5 Amps @ 15.5V lamp
Regulation Mode:	Constant power with power limit
Line Regulation:	<1%, 90 to 265VAC
Load Regulation:	<5%, over lamp voltage range
Temperature reg.:	<1% for 0 to 50° C
Ripple Current:	< 5% peak to peak

Protection:	Short circuit to the lamp return, over temperature shut down
Auxiliary Outputs:	5VDC @ 1.5A 12 to 15VDC adjustable, @ 1A
DC Aux. Isolation:	SELV rated, both outputs
Lamp Lit:	Will sink up to 3 ma when the lamp lights. 28VDC max. Vce sat. < 0.8VDC @ 3 ma.
Remote Enable:	Turns on ballast at > 3.2VDC, uses jumper to activate feature.
Low Power Enable:	Reduces power to approximately 75% when enabled with >3.2VDC
Cooling:	400 LFM across heat sink
Operating Temp:	0 to 50° C
Storage Temp.:	-20° to +85° C
Altitude:	0 to 10,000 feet
Humidity:	0 to 90%, non-condensing
Weight:	5.8 Lb.

Ballast Part Numbers

Lamp Type	Warner Power Part No.
500 watt Cermex ¹	70-500000
450 watt XBO ²	70-450000

¹Cermex is a registered trademark of Perkin Elmer Corporation

²XBO is a registered trademark of Osram Corporation

Specifications are subject to change without notice.

Contact factory for other options.



40 Depot Street, Warner, NH 03278 USA • Tel. 603-456-3111 • Fax 603-456-3754
info@warnerpowers.com • www.warnerpowers.com