

OMNI® UNIVERSAL ELECTRONIC IGNITORS

DESCRIPTION:

The Allanson's OMNI® 2270U-3ST smart electronic ignitor is designed with a built-in 3-second timer. After 3 seconds of established combustion, the ignitor will turn OFF, conserving current draw on the burner system. The unit also has a built-in diagnostic tool to assist in operational troubleshooting. The 2270U-3ST is designed for intermittent duty (constant) and/or interrupted duty, providing the most reliable ignition source for oil.

FEATURES:



- Input Supply Voltage (VDC): 12
- Input Current (A): 2.5
- Secondary Voltage (kV peak): 17.5
- Secondary Frequency (kHz): >18
- Secondary Short Circuit Current (mA): 12
- Storage Temperature: -40 to +80
- Operating Temperature: -30 to +40
- Operating Relative Humidity (%): 90
- Loading Air Gaps (inches): 1/16 to 3/16



BUILT-IN 3 SECOND DROP OUT TIMER

TECHNICAL SPECIFICATION:

Indicator Status	Operating Conditions	Ignitor Status	Description
LED OFF	Normal Operation	OFF	Ignitor arcs for 6 seconds then turns OFF once CAD cell detects flame
LED OFF	No Flame	Continues to arc	No flame has been established after 30 seconds of start up
One Pause, Two Flashes	CAD Cell Short	OFF	No signal from CAD cell or faulty CAD cell

