

Starlite[®]

Furnace (120 volts)

Hot Surface Igniter



DESCRIPTION:

Starlite hot surface igniters are manufactured of high purity, self-bonded silicon carbide.

The hot section is formed to maximize strength and extend working life.

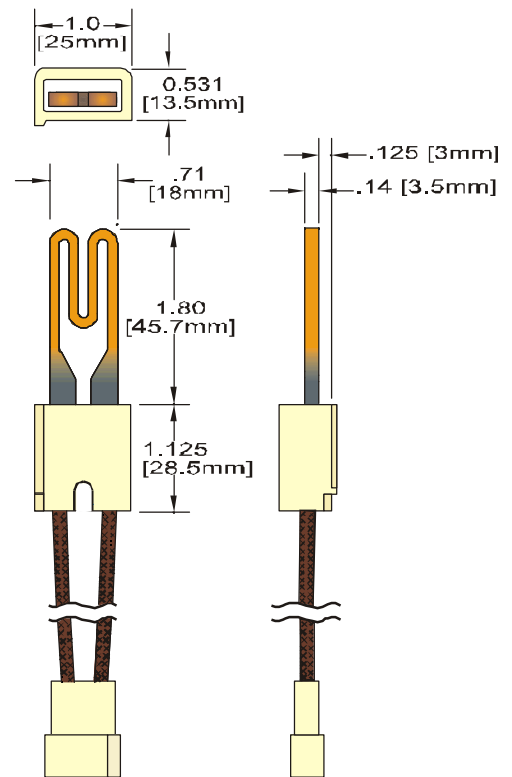
The igniters operate on 120 volts.

APPLICATIONS:

- For use in furnaces, boilers, space and water heaters.
- For intermittent use in a wide extent of gas/air mixtures.

FEATURES AND BENEFITS:

- Strongest silicon carbide igniter available.
- Custom engineered electrical/temperature specifications available (see below).
- Replacement for Norton (St. Gobain) and Surfaceigniter (formerly Carborundum).
- Shock mount, custom bushing, terminations, and lead lengths available.
- Hot section less affected by carbon, sooting, rust or dirt particles.



PHYSICAL CHARACTERISTICS

Time to 1800°F (982°C)@102V	As specified: 15, 17, 34, or 45 seconds available.
Ampere range @ 120V	2.5 - 5.5 Amps (customer defined limits in this range are optional)
Temperature range @ 120V	2200-2800°F (1204-1537°C) (customer defined limits in this range are optional)
Bushing Material	Industry standard and custom configurations are available in steatite.
Termination	Industry standard as well as custom connections are available.
Lead wires	Standard 200C wire (or as specified) in customer defined lengths.
Agency Approval	CSA approved.

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