

# CRYSTAR<sup>®</sup> IGNITER Model 101

120 Volts Nominal

## Technical Data Sheet



### CRYSTAR<sup>®</sup> IGNITER Model 101

<b>Time to Temperature</b>	<b>34 seconds (typical)</b>
<b>Room Temperature Resistance</b>	<b>40 – 400 ohms</b>
<b>Minimum Temperature</b>	<b>1800°F / 982°C @ 80 volts</b>
<b>Maximum Temperature</b>	<b>3100°F / 1704°C @ 132 volts</b>
<b>Steady State Current</b>	<b>5.0 Amps Maximum @ 132 volts</b>
<b>Igniter Material</b>	<b>CRYSTAR<sup>®</sup> Recrystallized silicon carbide</b>
<b>Holder Material</b>	<b>Standard and custom designs available in steatite, cordierite and alumina</b>
<b>Lead Wires and Terminals</b>	<b>Up to 36" in length, rated for 200 °C, 250 °C, 450 °C or 550 °C Various standard terminations available</b>
<b>Control System</b>	<b>Compatible with all leading manufacturers systems. No special controls needed to protect igniter.</b>
<b>Agency Approval</b>	<b>CSA Approved</b>

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