TOCCOtron AC – 5 kW
Technical Specifications:

- **Power Range:** 5 kW
- **Frequency Range:** 10 - 50 kHz
- **Input Line Voltage:** 230 / 400 / 480 Vac, 3 phase, 50 / 60 Hz
- **Input Power Factor:** ≥.95

The 5 kW TOCCOtron® AC induction heating power supply represents the very latest in medium frequency inverter design. Features such as air cooled design, a wide conductance window and wide frequency range make this the most user friendly and versatile induction heating power supply on the market. The 5 kW TOCCOtron® AC from Ajax TOCCO is perfect for forging, melting, brazing, shrink fitting, pre-heating prior to welding, bonding, curing, and much more.

**Features & Benefits:**

- 5 kW 100% continuous duty output (10 kW burst mode)
- 10 kHz to 50 kHz frequency range
- Internal load matching components
- Transformer isolated output
- 100% air-cooled design
- CE certified (upon request)
- 3:1 conductance window eliminates load matching
- Compatible with other standard Ajax TOCCO accessories
- Available hand-held process controller
- Hand held inductor options
- Remote load options
- Solid state (IGBT) current source inverter

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TOCCOtron® AC 103024

**Cabinet Dimensions:**
11.5 in W x 19.5 in D x 11.75 in H (292 mm W x 495 mm D x 298 mm H)

**Weight:** approx. 65 lb (30 kg)

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**TOCCOtron AC – 5 kW – 103024**

<table>
<thead>
<tr>
<th>Socket</th>
<th>Socket information</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>+24 volts DC</td>
</tr>
<tr>
<td>B</td>
<td>Contact closure to A activates HF output.</td>
</tr>
<tr>
<td>C</td>
<td>Command reference; +10 volts DC.</td>
</tr>
<tr>
<td>D</td>
<td>Control circuit common.</td>
</tr>
<tr>
<td>E</td>
<td>Input command signal (potentiometer wiper or 0 to +10 volts DC).</td>
</tr>
<tr>
<td>F</td>
<td>Absence of internal contact closure between F and J signals power source error to remote control device.</td>
</tr>
<tr>
<td>G</td>
<td>Not used.</td>
</tr>
<tr>
<td>H</td>
<td>Not used.</td>
</tr>
<tr>
<td>I</td>
<td>Actual frequency output signal (1 volt / 5 kHz)</td>
</tr>
<tr>
<td>L</td>
<td>Average power output signal (1 volt / 1 kW)</td>
</tr>
<tr>
<td>M</td>
<td>Voltage output signal RMS (1 volt / 50 volts).</td>
</tr>
<tr>
<td>N</td>
<td>Output current signal RMS (1 v = 50 Amps)</td>
</tr>
<tr>
<td>K</td>
<td>Chassis common.</td>
</tr>
</tbody>
</table>

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**RC14 Communications**

**Remote On / Off**

**Remote Output Control**

**Power Source Limit**

**Remote Metering**

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Ajax TOCCO Magnethermic

USA:
- Albertville, AL: +1-256-279-1200
- Wickliffe, OH: +1-440-296-0244
- Longview, TX: +1-903-297-2526
- Madison Heights, MI: +1-248-399-8801
- Sterling Heights, MI: +1-586-254-8470
- Brookfield, WI: +1-262-317-5300

Worldwide:
- Brasil: 5535-3435-2074
- Belgium (Le Roeulx): 32-64-67-37-77
- Canada (Ajax, Ontario): 905-683-4980
- China (Shanghai): 86-21-6800-9546
- England (Birmingham): 44-121-322-8000
- France: 02-99-77-7999
- Germany (Hirschhorn): 49-6272-9217-500
- India: 91 72005 06904
- Italy (Turin): 39-011-99-77-999
- Japan (Tokyo): 81-3-3647-7661
- Korea (Seoul): 82-2-837-0413
- Mexico (Queretaro): 52-44-2221-5415
- Singapore: 65-9699-4089

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