EC Series

UL Recognized
CSA Certified
VDE Approved

EC Series

- Three element differential mode circuit provides the highest attenuation of any available standard inlet filter
- High common mode inductance
- High differential mode capacitance
- Effective attenuation of Line to Ground and Line to Line noise across the frequency range
- Performance and application similar to the ED series but with higher differential mode performance
- Includes several termination options

Ordering Information

3 EC 1

Output Styles
1 - .250 [6.3] spade terminals (back)
2 - .250 [6.3] spade terminals (bottom)
4 - Wire leads (bottom)
8 - Wire leads (back)

EC Series

Current Rating
1, 3, 6, or 10A

Specifications

Maximum leakage current each Line to Ground:
@ 120 VAC 60 Hz: .25 mA
@ 250 VAC 50 Hz: .50 mA

Hipot rating (one minute):
Line to Ground: 2250 VDC
Line to Line: 1450 VDC

Rated Voltage (max.): 250 VAC

Operating Frequency: 50/60 Hz

Rated Current: 1 to 10A

Operating Ambient Temperature Range (at rated current I_r): -10°C to +40°C
In an ambient temperature (T_a) higher than +40°C, the maximum operating current (I_o) is calculated as follows: I_o = I_r \sqrt{(85-T_a)/45}

Electrical Schematic

Available Part Numbers

<table>
<thead>
<tr>
<th>1EC1</th>
<th>1EC2</th>
<th>1EC4</th>
<th>1EC8</th>
</tr>
</thead>
<tbody>
<tr>
<td>3EC1</td>
<td>3EC2</td>
<td>3EC4</td>
<td>3EC8</td>
</tr>
<tr>
<td>6EC1</td>
<td>6EC2</td>
<td>6EC4</td>
<td>6EC8</td>
</tr>
<tr>
<td>10EC1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For email, phone or live chat, please go to te.com/help corcom.com