Essailec® RJ45 for current and voltage sensors
Make before break principle

Description
Dedicated for the use in Digital Switchgear including sensors (current or voltage):
- RJ45 connection type (Cat.5),
- Allow safe and easy measurement and injection operations,
- Signals protection against EMI/RFI thanks to shielded lid on shielded socket,
- Shielding tests according to IEC 62271-1 Annex J,
- Grounding point: M5 screw to be wired with an adapted ring lug termination.
Make before break principle:
- The circuits are automatically disconnected with the insertion of the plug,
- The circuits close automatically when the plug is removed.

Main technical data

<table>
<thead>
<tr>
<th>Connecting capacity</th>
<th>IEC 947-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>Polycarbonate UL94 V0</td>
</tr>
<tr>
<td>Conductive parts</td>
<td>Silver-plated</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>125 V</td>
</tr>
<tr>
<td>Impulse withstand voltage</td>
<td>1000 V</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>3</td>
</tr>
<tr>
<td>Rated current</td>
<td>1.5 A</td>
</tr>
<tr>
<td>Accuracy</td>
<td>0.5</td>
</tr>
<tr>
<td>Storage temperature range</td>
<td>-40 ... +85 °C</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>-40 ... +85 °C</td>
</tr>
<tr>
<td>Protection without lid / with lid</td>
<td>IP20 / IP40</td>
</tr>
</tbody>
</table>

Mounting instructions

<table>
<thead>
<tr>
<th>Tool (for grounding screw)</th>
<th>Posidriv Ø 4 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torque (for grounding screw)</td>
<td>1.2 Nm</td>
</tr>
<tr>
<td>Weight (1 pc)</td>
<td>10.8 lb.in</td>
</tr>
</tbody>
</table>

Ordering details

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>Type</th>
<th>Order code</th>
<th>Pkg qty</th>
<th>Weight (1 pc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey</td>
<td>Socket with lid – Flush mounting</td>
<td>RJ45</td>
<td>TC-E-RJ45-INF 1SN266000R0000</td>
<td>3</td>
<td>138.80</td>
</tr>
<tr>
<td>Grey</td>
<td>Plug</td>
<td>FI-RJ45-DIA4 1SN266001R0000</td>
<td>1</td>
<td>69.60</td>
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</table>

Compatible products

<table>
<thead>
<tr>
<th>Color</th>
<th>Type</th>
<th>Order code</th>
<th>Pkg qty</th>
<th>Weight (1 pc)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lid / Cover</td>
<td>Plug</td>
<td>Socket</td>
<td></td>
</tr>
<tr>
<td>Grey</td>
<td>TC-E-RJ45-INF</td>
<td>FI-RJ45-DIA4</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order code</th>
<th>Pkg qty</th>
<th>Weight (1 pc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lid for RJ45 socket (spare part)</td>
<td>Grey</td>
<td>CPT-RJ45</td>
<td>1SN167029R0000</td>
<td>1</td>
<td></td>
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