Installation Kit for IP Speakers, Exigo Panels & Turbine Stations, Cat6a Connection Guide

Contents of this Delivery

Patch Cable Flat Cat5e 0.3m

Bergen Cabling
Connector Cat6a STPv2
SE BC-11-004
with instruction sheet

Notes!
- The ship cable used in the illustration is Bergen Cabling - DNV Maritime LAN S/FTB Cat7 (ø7mm).
- For cables with longer diameter, outer insulation must be removed inside cable inlet (e.g. mud-resistant cable).
- Recommended termination tool for the connector: Bergen Cabling - Keystone Termination tool for BC-11-004
- This guide can be used for connectors and patch cables from other manufacturers.

The kit is designed for connecting ship cables to the following Zenitel IP stations, panels, and loudspeakers:

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Item Name</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1023300010</td>
<td>ELSIR-10C</td>
<td>Exigo Network Ceiling Loudspeaker, 10W, Ethernet</td>
</tr>
<tr>
<td>1023301310</td>
<td>ELSII-10H</td>
<td>Exigo Network Horn Loudspeaker, 10W, Ethernet</td>
</tr>
<tr>
<td>1008031000</td>
<td>CRM-V</td>
<td>IP Flush Master when used with backbox (Item No. 100809700)</td>
</tr>
<tr>
<td>1008111010</td>
<td>TCIS-1</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008111020</td>
<td>TCIS-2</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008111030</td>
<td>TCIS-3</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008111040</td>
<td>TCIS-4</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008111050</td>
<td>TCIS-5</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008111060</td>
<td>TCIS-6</td>
<td>Turbine Compact IP Intercom Station</td>
</tr>
<tr>
<td>1008122010</td>
<td>TFIE-1</td>
<td>Turbine Extended Industrial IP Intercom Station</td>
</tr>
<tr>
<td>1008122020</td>
<td>TFIE-2</td>
<td>Turbine Extended Industrial IP Intercom Station</td>
</tr>
<tr>
<td>1008122060</td>
<td>TFIE-6</td>
<td>Turbine Extended Industrial IP Intercom Station</td>
</tr>
<tr>
<td>1023201201</td>
<td>EAPII-1</td>
<td>Exigo Industrial Access Panel, 1 Button Station</td>
</tr>
<tr>
<td>1023201206</td>
<td>EAPII-6</td>
<td>Exigo Industrial Access Panel, 6 Buttons Station</td>
</tr>
</tbody>
</table>

ELSII-10H Loudspeaker

- Pull the ship cable through the cable inlet as shown in the figure (The cable gland must be on the right)
- Connect the wires to the Cat6a connector according to the instruction sheet
- Connect the patch cable to the Cat6a connector and to the ELSII-10H
- Place the Cat6a connector and patch cable as shown
- Pull the ship cable through the cable inlet as shown in the figure
- Connect the wires to the Cat6a connector according to the instruction sheet
- Connect the patch cable to the Cat6a connector and to the ELSIR-10C
- Fasten the Cat6a connector with straps or in an appropriate way

TCIS Units with On-Wall Backbox

- Pull the ship cable through the cable inlet as shown in the figure
- Connect the wires to the Cat6a connector according to the instruction sheet
- Connect the patch cable to the Cat6a connector and to the TCIS unit
- Fasten the Cat6a connector with straps or in an appropriate way
EAPII & TFIE Units

- Pull the ship cable through the cable inlet as shown in the figure
- Connect the wires to the Cat6a connector according to the instruction sheet
- Connect the patch cable to the Cat6a connector and to the EAPII/TFIE unit
- Fasten the Cat6a connector with straps or in an appropriate way

CRM-V IP Flush Master with Backbox

- Pull the ship cable through the cable inlet as shown in the figure
- Connect the wires to the Cat6a connector according to the instruction sheet
- Connect the patch cable to the Cat6a connector and to the CRM-V
- Fasten the Cat6a connector with straps or in an appropriate way
Instruction Sheet for Connector Cat6a STP V2

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2220040030</td>
<td>Installation Kit for IP Speakers, Turbine Stations &amp; Exigo Panels, Cat6a</td>
</tr>
</tbody>
</table>

1 U/FTP:
Strip jacket from the end of cable, a minimum of 25mm of foils and wrap the drain wire around the foils.

1 F/UTP & S/FTP:
Strip a minimum of 25mm of jacket of the cable, pull the foil of braided shield back over the jacket as shown and wrap the drain wire around the shield.

2:
Press the wires through the projecting portion of terminals until fixed (T568A/T568B).

3:
Use the tool to terminate the Jack. OR Terminate wires with punch down tool.

4:
Place the plastic cap on the jack and make sure it is fully seated.

5:
Place the metal cap on the plastic cap and make sure it is fully seated and clipped.

6:
Insert the strain relief bar and ensure that the drain wire is wrapped around the cable.

7:
Tie wrap the drain wire to the strain relief ring. Do not overtighten the wrap!