Product Description

Power-line Remote Monitoring Modem (RMM)

- The same product can be used for all brands and types of reefer containers
- Easy installation as all brands of reefer containers are prepared for remote monitoring modem
- Compatibility with all brands and types of power-line based remote monitoring systems
- Compliant with ISO10368 High Data Rate standard
- Easy diagnostic due to six LED’s providing information regarding operating status and malfunctions

Description

The Remote Monitoring Modem is an ISO10368 standard remote communication device, better known as the RMM.

The RMM is the key component in power-line communication for monitoring and control of reefer containers.

Each container equipped with an RMM is able to send data on its operating conditions and alarms to a central monitoring system, such as the market-leading REFCON system.

Besides monitoring, the RMM can be used to remotely control various reefer container functions, which include changing the set-point, initiating defrost, and activating automatic pre-trip inspection.

In combination with a reefer monitoring system such as REFCON, the RMM offers a number of important benefits, such as:

- Reduced risk of potential cargo damage thanks to continuous automatic monitoring of your reefer containers
- Reduction of operational cost due to less time-consuming manual inspections
- Improved safety of personnel
- Improve cargo documentation handling processes
- Optimization of reefer container operation with reduced risk of human errors

Applications

- Enables reefer containers to be power-line remote monitored on vessels, in terminals, and on trucks and trains
- Remote monitoring of reefer container operating conditions and alarms
Environmental Specifications:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation temperature</td>
<td>-40°C &lt; T&lt;sub&gt;op&lt;/sub&gt; &lt; 85°C</td>
</tr>
<tr>
<td>Shock</td>
<td>20G operating, 100G non-operating</td>
</tr>
</tbody>
</table>

Physical dimensions:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>320 mm</td>
</tr>
<tr>
<td>Width</td>
<td>115 mm</td>
</tr>
<tr>
<td>Height</td>
<td>43 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>600 g</td>
</tr>
</tbody>
</table>

Included items:
- Remote Monitoring Modem
- Installation instruction
- Sticker "RMM modem installed"

Supported controllers:
- Carrier
  - Microlink 3
  - Microlink 2i
- Daikin
  - DECOS IIIe
  - DECOS IIId
  - DECOS IIIc
  - DECOS IIIb
- Starcool
  - RCCU5
  - SCC6
- Denso

Dimensions: