Overview

JetNet 3005G Industrial 5-port Full Gigabit Ethernet Switch
Quick Installation Guide V1.1

JetNet 3005G Industrial 5-port Full Gigabit Ethernet Switch supports 5 10/100/1000Base-T Ethernet ports and adopts slim industrial design to save space for compact system requirement. JetNet 3005G also provides one relay output to alarm port break events, which is enabled/disabled by the dip switch. JetNet 3005G is recommended to be powered by DC 24V (10-60V) from the 6-pin terminal block.

Package Check List
- JetNet 3005G Switch
- Quick Installation Guide

Installation

Mount the unit
Din-Rail mount: Mount the din-rail clip screwed on the rear of JetNet on the DIN rail

Grounding JetNet Switch

There is one grounding screw on the bottom side of JetNet 3005G. Connect the frame grounding of switch to the grounding surface to ensure safety and prevent noise to interfere communication.

Wiring the Power Inputs

JetNet 3005G supports DC 10-60V redundant power input.
1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
2. Tighten the wire-clamp screws to prevent the DC wires from being loosened.
   Notes: The recommended working voltage is DC 24V (DC 10-60V).

Wiring the Relay Output

The relay output alarm contacts are in the middle of the terminal block connector as shown in the figure. By inserting the wires and set the DIP switch of Port Alarm to "ON", relay output alarm will detect any port failures, and form a short circuit. The alarm relay output is "Normal Open".

Connecting to Network

Connecting the Ethernet Ports: Connect one end of an Ethernet cable into the UTP port of JetNet 3005G, while the other end is connected to the attached networking device. All UTP ports support auto MDI/MDIX function. The LNK/ACT LED will turn Amber on for 1000Mbps Ethernet or Amber off for 10/100Mbps Ethernet.

DIP Switch Settings for Alarm Relay Output

<table>
<thead>
<tr>
<th>Pin No. #</th>
<th>Status</th>
<th>Description</th>
<th>Alarm Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 to P5 (Pin1 ~5)</td>
<td>ON</td>
<td>To enable port link down alarm at this port</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td>OFF</td>
<td>To disable port link down alarm at this port</td>
<td>NO</td>
</tr>
<tr>
<td>P6</td>
<td>ON</td>
<td>To enable power failure alarm</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td>OFF</td>
<td>To disable power failure alarm</td>
<td>NO</td>
</tr>
</tbody>
</table>

5 Years Warranty

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Attention! To avoid system damage caused by sparks, please DO NOT plug in power connector when power is on.


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导言
JetNet 3005G全千兆工业级以太网交换机，提供5个10/100/1000Base-TX端口并采用纤薄的工业设计，节省空间以符合系统的要求。
JetNet 3005G还具备串口断线继电器报警输出功能。透过底部的6-pin接线端子设置启动或关闭报警系统。JetNet 3005G建议供电范围：透过6-pin terminal block 为设备供给DC24V (10~60V)。

产品清单
- JetNet 3005G全千兆工业级以太网交换机
- 快速安装向导

电源线连接
JetNet 3005G支持DC10~60V冗余电源输入。
1. 将电源线正负极插入产品底部接线端子的V+和V-接脚。
2. 将线夹拧紧，防止DC电源线脱落。
备注：建议供电范围：DC24V (DC10~60V)

安装
安装配件
导轨安装：将JetNet 3005G后面的导轨夹卡上导轨。

地线连接
在JetNet 3005G底板上有一个地线连接螺丝，将地线螺丝接地，可以确保设备使用安全，并可防干扰。设备未接地，因自然因素造成损害，将不予修复。

网络连接
连接以太口：双绞线的一端连接JetNet 3005G UTP口，另一段连接网络设备。所有UTP口均支持MDM/MDIX，1000M连接时LNK / ACT指示灯显示黄色，10/100M连接时黄色指示灯熄灭。

DIP 拨码开关设置继电器报警

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>状态</th>
<th>描述</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 to P5</td>
<td>ON</td>
<td>激活串口断线报警</td>
</tr>
<tr>
<td>P6</td>
<td>ON</td>
<td>激活供电断线报警</td>
</tr>
<tr>
<td>P6</td>
<td>OFF</td>
<td>关闭供电断线报警</td>
</tr>
</tbody>
</table>

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详细说明及文件请至网站下载：http://www.korenix.com.cn/support_downloads.htm
业务服务: sales@korenix.com.cn
官网: www.korenix.com

Korenix Technology Co., Ltd. (A Beijer Electronics Group Company)
Tel:+886-2-89111000
Fax:+886-2-29123328
Business service:sales@korenix.com
Customer service:koreCARE@korenix.com
www.korenix.com
CPQ000N3005001