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A Beijer Electronics Group Company

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

Overview

JetNet 3005G Industrial 5-port Full Gigabit Ethernet Switch support 5 10/100/1000Baes-T Ethernet port 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 DC24V (10~60V) from the 6-pin terminal block.

Package Check List

▶ JetNet 3005G Switch

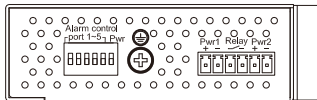▶ Quick Installation Guide

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.
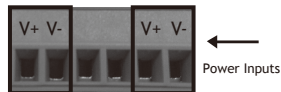
Wiring the Power Inputs

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.
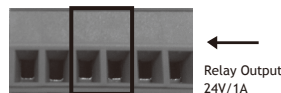
Notes: The recommended working voltage is DC24V (DC10~60V).

V+ V- V+ V- → Power Inputs

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".

→ Relay Output, 24V/1A

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

Pin No. #	Status	Description	Alarm Switch
P1 to P5 (Pin1 ~5)	ON	To enable port link down alarm at this port	ON 1 2 3 4 5 6
	Off	To disable port link down alarm at this port	
P6	ON	To enable power failure alarm	
	Off	To disable power failure alarm	

Support

5 Years Warranty

Each of Korenix's product line is designed, produced, and tested with high industrial standard. Korenix warrants that the Product(s) shall be free from defects in materials and workmanship for a period of five (5) years from the date of delivery provided that the Product was properly installed and used.

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

The product is in compliance with Directive 2002/95/EC and 2011/65/EU of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment(RoHS Directives & RoHS 2.0)

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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端口并採用纤薄的工业设计，节省空间以符合系统的要求。

JetNet 3005G还提供端口断线继电器报警输出功能，透过底部的DIP拨码开关，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)。
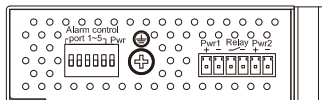
产品清单

▶ JetNet 3005G全千兆工业级以太网交换机

▶ 快速安装向导

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

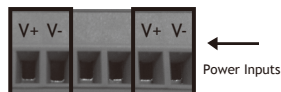在JetNet 3005G底部有一个地线连接螺丝。将JetNet 3005G地线螺丝接地，可以确保设备使用安全，并可防干扰。设备未接地，因自然因素造成损害，将不予以修复。
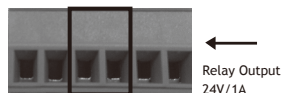
电源线连接

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)

V+ V-　V+ V-

← Power Inputs

电源线连接

继电器输出触点在产品底部接线端子的中间，如右图所示。使用该界面连接报警系统，并将DIP拨码开关置"ON"，继电器报警输出系统就可以监视任意端口的断线情况，一旦发现断线，自动形成一个闭合环路。正常情况下报警系统是开路。

← Relay Output, 24V/1A

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口自适应MDI/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

Pin No. #	状态	描述	Alarm Switch
P1 to P5 (Pin1 –5)	ON	启动该端口断线报警	ON
	Off	关闭该端口断线报警	1 2 3 4 5 6
P6	ON	启动供电断线报警	
	Off	关闭供电断线报警	

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注意! 请勿于电源开启时插拔接线端子，以避免产生火花造成系统损坏。

此产品保证完全符合欧盟2003年1月27日电气和电子设备危害物质限制委员会所提出的限用指令2002/95/EC(ROHS禁令)及2011/65/EU(RoHS 2.0)。

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