korenix
A Beijer Electronics Group Company

JetNet 3008/3008f Series Industrial Ethernet Switch
Quick Installation Guide V1.5

Overview

JetNet 3008/3008f Industrial Ethernet Switch, supports 8 10/100Base TX (JetNet 3008) or 6 10/100TX plus two 100FX Fast Ethernet fiber ports in either multi-mode type (JetNet 3008f-m) or single-mode type (JetNet 3008f-s). The JetNet3008/3008f adopts rugged metal case design to operate in harsh environments (-40~75°C JetNet 3008-w/3008f-w); It also provides IP-30 standard protection. It features one relay output to alarm users if a port link fails or with the power fails. Alarms can be enabled/disabled by a 9-pin dip switch. JetNet 3008/3008f is recommended to be powered by DC 12V or 24V with 10~60V range from the 6-pin removable terminal block.

Package Check List

‣ JetNet 3008/3008f Switch

‣ Quick Installation Guide
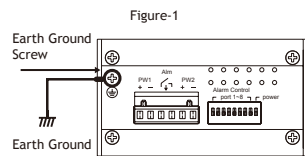
Installation

Mount the unit

Din-Rail mount: Mount the din-rail clip screwed on the rear of JetNet 3008/3008f on the DIN rail.

Grounding JetNet Switch

There is one grounding screw on the bottom side of JetNet 3008/3008f. Connect the earth ground screw of switch to the grounding surface to ensure safety and prevent noise. See, Figure-1
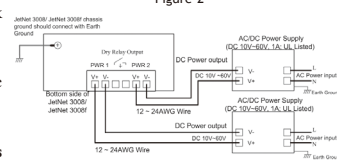
Figure-1

Earth Ground Screw

Earth Ground

Warning: Do not connect to AC line-Natural

Wiring the Power Inputs

1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.

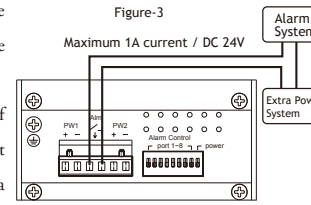2. Tighten the wire-clamp screws to prevent the DC wires from being loosened. See Figure-2

Notes: The recommended working voltage is DC 12V or 24V (DC10~60V, 0.8A).

Figure-2

Wiring the Relay Output

The relay output alarm contacts are in the middle of the terminal block connector as shown in the figure below.

By inserting the wires and set the DIP switch of the respective Port Alarm to "ON", relay output alarm will detect any port failures, and form a short circuit.

The alarm relay output is "Normal Open". See, Figure -3.

Figure-3
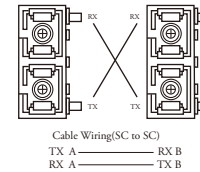Maximum 1A current / DC 24V
Alarm System
Extra Power System

Connecting to Network

1. Connecting the Ethernet Ports: Connect one end of an Ethernet cable into the UTP port of JetNet 3008/3008f, while the other end is connected to the attached networking device. All UTP ports support auto MDI/MDIX function. The Speed LED will turn on for 100M link and turn off for 10Mbps link, the LNK/ACT LED will turn on for link up and blinking for packet transmit and receive. The fiber port only support 1 LED for Link and Activity.

2. Connecting the Fiber Port (JetNet 3008f): Connect the fiber port on your JetNet 3008f to another Fiber Ethernet device, by following the figure below. Wrong connection will cause the fiber port not working properly.

ATTENTION	This is a Class 1 Laser/LED product. Don't look into the Laser/LED Beam.

Cable Wiring(SC to SC)
TX A —————— RX B
RX A —————— TX B

DIP Switch Settings for Alarm Relay Output

Pin No. #	Status	Description
P1 to P8 (Pin1~8)	ON	To enable port link down alarm at this port
	Off	To disable port link down alarm at this port
P9	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.

This warranty is voided if defects, malfunctions or failures of the warranted Product are caused by damage resulting from force measure (such as floods, fire, etc.), other external forces such as power disturbances, over spec power input, or incorrect cabling; or the warranted Product is misused, abused, or operated, altered and repaired in an unauthorized or improper way.

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)

Korenix Customer Service

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