korenix
A Beijer Electronics Group Company

JetCon 1302 Series Industrial Media Converter
Quick Installation Guide V1.2

Overview

JetCon 1302 Industrial Media Converter, conforming IEEE 802.3 and 802.3u standard, supports 2 10/100Base TX plus one 100FX Ethernet port. JetCon 1302 adopts slim industrial design to save rail space of compact system requirement. In order to survive under harsh environment, JetCon 1302 chooses industrial-grade aluminum case with IP30 standard protection. It provides one relay output to alarm port break events, which is enabled/ disabled by the dip switch. JetCon 1302 is recommended to be powered by DC24V (18~32V) from the 2-pin terminal block.

Package Check List

▶ JetCon 1302 Industrial Media Converter

▶ Quick Installation Guide
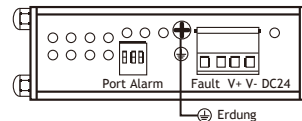
Installation

Mount the unit

Din-Rail mount: Mount the din-rail clip screwed on the rear of JetCon 1302 on the DIN rail

Grounding JetCon 1302

There is one grounding screw on the bottom side of JetCon1302. Connect the frame grounding of JetCon1302 to the grounding surface to ensure safety and prevent noise.

Port Alarm   Fault V+ V- DC24
⏚ Erdung

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.
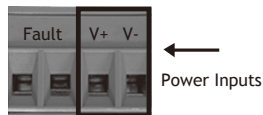
Notes: The recommended working voltage is DC24V (DC18~ 32 V).

Fault   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".

Fault   V+ V-
Relay Output, Carry ability 1A @24V
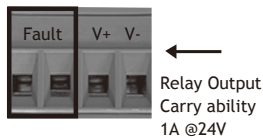
Connecting to Network

1. Connecting the Ethernet Ports: Connect one end of an Ethernet cable into the UTP port of JetCon 1302, 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 Yellow for 10M Ethernet or Green for 100M Ethernet.

2. Connecting the Fiber Port: Connect the fiber port on your JetCon 1302 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
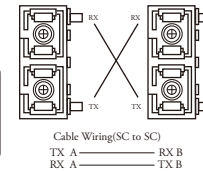
DIP Switch Settings for Alarm Relay Output

Pin No. #	Status	Description	Alarm Switch
P1 to P3 (Pin1 ~3)	ON	To enable port break alarm at this port.	ON ▮▮▮ 1 2 3
	Off	To disable port break alarm at this port.	

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

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to solve your problems at any time Korenix global service center's e-mail is KoreCARE@korenix.com.

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