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A Beijer Electronics Group Company

JetLink 1102/ JetLink 1302 Fieldbus Gateway
Quick Installation Guide V1.0

Introduction

JetLink 1102/ JetLink 1302 are a 2 port 10/100 RJ-45 Industrial Fieldbus gateway providing seamless communication between Fieldbus and Industrial Ethernet and supports different protocol devices and integrates new and existing Modbus RTU/TCP devices to the EtherNet/IP or PROFINET network. To collect data and exchange data between Modbus RTU/TCP to EtherNet/IP or PROFINET. JetLink 1102 / JetLink 1302 is a simple and cost-effective way to bring the advantages of fast data transmissions between different devices.

Package Check List
▶ JetLink1102/JetLink 1302 with DIN Rail clip
▶ Wall-mount kit
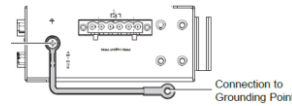▶ Quick Installation Guide

Installation

Mounting the unit
Mount the DIN-Rail clip on the rear of JetLink 1102/1302 on the DIN-Rail, or using wall mount kit to fix the module.

Dimension:
▶ JetLink 1102 : 42 x 140 x104 mm (W x H x D), with DIN Rail Clip
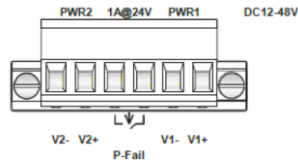▶ JetLink 1302 : 42 x 140 x104 mm (W x H x D), with DIN Rail Clip

Grounding
There is one grounding screw on the top side of JetLink 1102/ JetLink 1302 . Connect the frame grounding of JetLink 1102/ JetLink 1302 to the grounding surface to ensure safety and prevent noise for communication interference.

Connection to Grounding Point

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 power wires loosened.

PWR2 1A@24V PWR1 DC12-48V

V2- V2+   V1- V1+
P-Fail

Note:
The recommended working voltage is DC 24V. (Input range: DC12~ 48V)
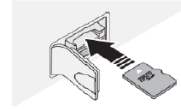
Wiring the Relay Output
The relay output contacts are in the middle of the terminal block connector as shown above. For more information, please refer Manual chapter for more detail.
Note:
The relay contact only support 1A current, DC 24V. It does not recommend apply higher voltage and current that over this specification.

MicroSD Card Installation
The JetLink Series provides user with an easy way to backup, restore, and deploy configuration settings. The fieldbus gateway provides a microSD card slot at the bottom of JetLink to support simple means to manage system configuration settings. Please refer manual for more details.
Note:
Only microSD cards with the FAT32 or exFAT file systems are supported.

Reset Bottom
There is reset bottom in the front panel of JetLink series.
1. Reset configuration to factory default, press and hold Reset button for 5 seconds.
2. System reboot, press and hold Reset button for 2 seconds.

LED Indicator

LED information listed as below:

Catalog	LED Name	LED Color	Description
System	PW1	Green	Power 1 is ON
		Off	Power 1 is off or power error condition exists
	PW2	Green	Power 2 is ON
		Off	Power 2 is off or power error condition exists
	Status	Orange	Blinking: System is ready
			Steady on: – Restore config from SD card successfully at factory default state during booting – Backup config to SD card successfully during booting
		Off	System is no working
Protocol	EtherNET/IP (EI)	Orange	Reserved
		Green	Blinking: IO connection do not establish
			Steady on: IO connection establish
	Modbus (MS)	Orange	Blinking: One of Modbus transaction query failed
		Green	Steady on: All Modbus transactions query successfully
		Off	No Modbus transaction to be created
Port LED	Serial	Orange	Serial port is receiving data
		Green	Serial port is transmitting data
		Off	No data is transmitted or received through the serial port
	RJ45	Green	Off: No link
			Blinking: Link and activity
			On: Link without activity
		Orange/ Green	Off: no link
			Solid Orange: Current link speed is 100M
			Solid Green: Current link speed is 10M

Device Management

To access the login window, connect the device to the network, see "Connecting the Fieldbus Gateway to Ethernet Ports" on manual. Once the fieldbus gateway is installed and connected, power on the fieldbus gateway see the following procedures to log into your fieldbus gateway.
Note:
When the fieldbus gateway is first installed, the default network configuration is set to DHCP enabled.

Preparation for Web management
1. Launch your web browser on a computer.
2. In the browser's address bar type in the fieldbus gateway's default IP address (192.168.10.1). The login screen displays.
3. Enter the default user name and password (admin/admin) to log into the management interface.
4. Click Login to enter the management interface.

Please refer more details in manual.

Support

2 Years Warranty
Each of Korenix's product 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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