




ROCKET *LINX* ES7105

Industrial PoE Switch



Quick Installation Guide

Introduction

The RocketLinX ES7105 is an Industrial PoE Power switch that conforms to the IEEE 802.3af Power over Ethernet standard. The RocketLinX ES7105 provides four 10/100BASE-TX PoE ports with one standard 10/100BASE-TX Ethernet port. For detailed information, refer to the *RocketLinX ES7105 User Guide*, which is available on the RocketLinX CD or you can download the latest version.

Package Check List

The following items should be in the product box:

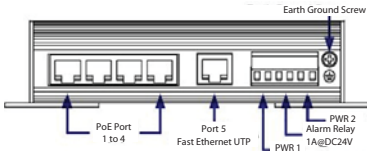
- ▶ RocketLinX ES7105 Industrial Ethernet PoE Switch
- ▶ Mounting kit with footpad
- ▶ Quick Installation Guide
- ▶ CD-ROM that contains the *RocketLinX ES7105 User Guide*

Mounting the Unit

If desired, you can use the screws provided in the mounting kit and mount the ES7105 on a wall.

Grounding RocketLinX ES7105 Switch

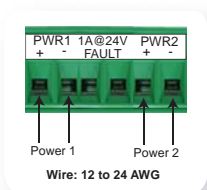
Connect the frame ground on the switch to an earth ground to ensure safety and to prevent noise.



Wiring the Power Inputs

Use the following procedure to wire the power inputs. The working voltage is 48VDC or -48VDC.

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 becoming loose.



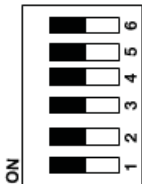
Wiring the Relay Output

The relay output alarm contacts are in the middle of the terminal block connector.



Insert the wires and set the DIP switch using the table below. After setting the DIP switch to ON, the relay output alarm will detect any power or port failures, and form a short circuit. The alarm relay output is Normal Open.

Switch	Status	Description
PWR (6)	ON	Enable PWR1 or PWR2 input failure alarm.
	OFF	Disable power input failure alarm.
1 - 5	ON	Enables port break alarm on the selected port.
	OFF	Disables port break alarm on the selected port.
<p>If the corresponding port alarm DIP switch is set ON when that port connection fails, the Fault LED will light up and the alarm relay contacts will close.</p> <p>After setting any DIP Switch, reboot to activate the setting.</p>		



Connecting Ethernet Ports

All Ethernet ports support auto MDI/MDIX.

Connect an Ethernet cable into the PoE port of RocketLinX ES7105 switch and the appropriate network device. The LNK / ACT LED will turn Yellow for 10M Ethernet or Green for 100M Ethernet. The four PoE ports (PoE 1 to PoE 4) support PoE OUT. If the PoE port LED is lit, it indicates that the RJ45 connector has been successfully connected to a IEEE 802.3af enabled Power Device.

Control Customer Service

You can contact Control using one of the following methods.

Contact Method	Web Address or Phone Number
Support	http://www.control.com/pub/en/support
Downloads	ftp://ftp.control.com/html/ES7105.htm
Web Site	http://www.control.com
Phone	763.957.6000



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