IA-2121-U

1 Single Relay 30Amp,
2-ch Isolated Digital Inputs,
USB Controlled Module

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Introduction

The IA-2121-U is a USB Power Relay Controller that includes two Isolated Digital Inputs and that is being powered and controlled by its USB port.

The IA-2121-U Relay Contact Rating is 30 Amps at 240VAC and 20 Amps at 28VDC. The expected device life time at this extreme operation condition is 100×10^3 cycles.

The IA-2121-U Software Support Package includes MS Visual Studio DOT.net driver, Open Source Code Examples and a simple Operation/Configuration utility for an immediate device operation/implementation.

Features

- 1 Single SPST Relay **30Amp**
- 2-ch Isolated Digital Input
  Optional Non Isolated inputs,
  Dry contact or Event counter inputs.
- Wide software support
- Tiny footprint
- Din-Rail mountable

Specifications

Control Port

Communication Method	USB 2.0

Relay

Channel	1
Relay type	SPST Form A
Contact Raiting	30A @ 240VAC
	20A @ 28VDC
Realy on time	15mS
Realy off time	15mS

Isolated Digital Inputs

Channels	2
Minimum Activate Voltage	4.5V
Maximum Activate Voltage	30V

Non Isolated Inputs (By Jumper Select)

Activating Voltage	GND
Release Voltage	OPEN

General

Supply Voltage	USB
Operation Temperature	$0 – 60^o$ C
Dimensions	115x48x48mm
Weight	100gr

Connector Pinout

1	Digital Input 1	
2	Digital Input 2	
3	Common	
4	GND	
1	COM	Relay 1
	COM	
2	N.O	
	N.O	

Ordering Information

IA-2121-U	Single Relay, Dual Isolated input. USB Powered & controlled Module USB Cable, 1m **included**