

IA-1214-U

4+4-ch Relay+Digital In
USB Powered & Controlled

IA Intelligent Appliance
For Smart Solutions...



Introduction

The IA-1214-U is an Industrial, USB powered, USB controlled, 8 channels Dry-Contact I/O device.

The IA-1214-U includes 4 SPDT 2Amp Relays, 4 Dry-Contact Digital Inputs that supports wet input as well, and is capable of handling signal inputs of zero to 30VDC.

A single TTL level output line is provided as well, and may be used as a general Digital Output.

The IA-1214-U is Intelligent-Appliance Series-3000 software compatible. Its software support package includes both Labview and Microsoft Dot.Net libraries, open source examples and operation utilities for fast and easy software implementation.

It is CE, FCC Approved, and ROHS compliant, small sized Relay Controller.

Ordering Information

IA-1214-U	4-ch 2 Amp Relays Module, USB powered & controlled. 1.2 meter USB cable.
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Features

- 4-ch Relay controller
- Relays are of SPDT Form C type
- 4-ch Digital Input
- USB Powered & Controlled
- IA Series-3000 compatible
- Pluggable Terminal Blocks
- Wall mounting ready
- Compact Size

Specifications

Relays

Channels	4
Contact method	SPDT, form C
Contact current	2 Amp @ 30 VDC 0.5Amp @ 125VAC
Relay ON Time	3ms
Relay OFF Time	3ms
Mechanical Endurance	10 ⁸
Electrical Endurance	10 ⁵

Digital In

Channels	4
Voltage Range	0 – 30VDC

Digital Out

Channels	1
Voltage Range	TTL
Output Current	4 mA

Communication

COM type	USB 2.0
Baud Rate Range	1.2K-115.2K
Factory Defaults	Baud Rate 19.2Kbps
Baud Rate Range	1.2K-115.2Kbps

General

Operation Temperature	0 ~ 60° C
Storage Temperature	-30 ~ 80° C
Weight	60 gr
Module Size	90x60x26 mm
Mounting	Wall Mounting ready