IA-2216-U

16-ch Relay
USB Controlled

Intelligent Appliance
For Smart Solutions...

Features

- 16-ch Power Relay controller
- Relays are of SPDT Form C type
- USB Controlled
- 12V or 24VDC Powered devices
- IA Series-3000 commands compatible
- Local & Global commands
- Pluggable Terminal Block
- On-board Relays Contact Transient Voltage Suppressors
- Din-Rail mounting ready
- Wall Mounting ready

Introduction

The IA-2216S-U-P is an Industrial, USB based, Power Relay Controller.

It is CE, FCC Approved, ROHS compliant, low-cost Relay Controller, equipped with 16 Power Relays with a contact rating of 10 Amp at 30VDC.

The IA-2216-U is Intelligent-Appliance Series-3000 software compatible, powered by 24VDC supply voltage. IA-2216-U-12V devices are powered by 12VDC supply voltage.

The software support package includes both Labview and Microsoft Dot.Net libraries, open source examples and operation utilities for fast and easy software implementation.

Ordering Information

IA-2216-U	16-ch, 10 Amp Relays Module, USB controlled.
IA-2216-U-P	16-ch, 10 Amp Relays Module, USB controlled with Pluggable Terminal Blocks.
IA-2216S-U-P	16-ch, 10 Amp Relays Module, USB controlled with Transient Voltage Suppressors and Pluggable Terminal Blocks

Specifications

Relays

Channels	16
Contact method	SPDT, form C
Contact current	10 Amp @ 30 VDC
Relay ON Time	10ms
Relay ON Time	5ms
Mechanical Endurance	10^7
Electrical Endurance	10^5

Communication

COM type	USB	
COM version	USB 2.0	
Factory Defaults	Baud Rate	19.2bps
	Data bits	8
	Parity	None
	Stop bits	1
Default Address	00	
Baud Rate Range	1.2K-115.2K	
Address Range	00-FF	Software

General

Power consumption	24VDC, 0.4Amp	
	12VDC, 0.8Amp	
Operation Temperature	0 ~ 60° C	
Storage Temperature	-30 ~ 80° C	
Weight	430 gr	
Module Size	265x115x45 mm	
Mounting	DIN-Rail or Wall Mount	