IA-2108-U

8-ch SPDT Relays
16-ch Digital Inputs
USB Powered & Controlled

Intelligent Appliance
For Smart Solutions…

Features

- 8 SPST/SPDT Relays
- 16 Digital Inputs
- USB Configured & Controlled
- Standalone operation, optional
- Dry Contact Inputs
- 0 – 30VDC Digital Input range
- Watchdog Protected
- Open Source Code Samples
- Small footprint
- DIN RAIL or Wall Mounted

Introduction

The IA-2108-U is an Intelligent Relay Controller, with a widened Commands List, that is implemented into a tiny DIN-Rail mounted board.

This new device includes 8 SPST/SPDT Relays and 16 Digital Inputs powered by an external 12 VDC enabling a Stand-alone operation.

The IA-2108-U is an Industrial Intelligent-Appliance Dry-Contact I/O module that may be used either for ordinary Host controlled applications or for stand-alone ones, including Peer-to-Peer applications.

The software support package includes Microsoft Visual Studio and Labview Drivers, software configuration and operation utilities as well as open source software examples.

For more information about stand-alone operation option, kindly contact our support team.
support@intelligent-appliance.com

Ordering Information

IA-2108-U	16-ch Digital Input 8-ch SPDT Relay USB Controlled Module

Specifications

Control Port

Communication Method:	USB
Default BR:	19200, 8, n, 1
Maximum BR:	230400 bps

Digital Input

Channels:	16
Voltage Range:	0-30VDC
Support Method	Dry-contact, Wet-contact

Relay Output

Channels:	8
Relay Type:	SPDT Form C x 2 SPST Form A x 6
Contact Rating:	2A @ 30 VDC
Max. Switching:	250 VAC
No load Endurance:	10^8
Loaded Endurance:	10^6 (50 VDC, 0.1Amp)

General

Supply Voltage:	12VDC
Temp operation range:	0-60 °C
None operation range:	-30 - 70 °C
Dimensions:	110x52x20mm
Weight:	85 gr
DIN-RAIL Dimensions:	114x56x40mm
DIN RAIL Weight:	125 gr

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