

IA-3118-U2i

16-ch Relay & 16-ch Isolated Digital Inputs
USB or RS-232 Controlled
IA Daisy-Chain Series

IA Intelligent Appliance
For Smart Solutions...



Introduction

The IA-3118-U2i is an industrial, high power, high voltage monitor and control device.

This device includes an isolated USB communication port that provides the best RFI/EMI noise immunity and avoid any possible ground loop.

All isolated digital input channels are isolated from each other and are digitally filtered to ensure reliable operation in a noisy factory floor environment.

All relay contacts are individually protected by voltage suppressors to avoid RFI/EMI noise generation and to extend relays operation life time

The IA-3118-U2i software packet includes Setting and Operation utilities DOT.net drivers, and open code software examples for fast system integration.

Features

- Isolated USB Port
- 16-ch Isolated Digital Input
- Between Channel Isolation
- Wide Voltage Input Range
- 16-ch Power SPDT Relays
- Dual Watchdog Protection
- Open Source code software samples
- Setting and Operation Utilities
- Local Expansion Ready
- DIN-Rail Mounting Ready

Specifications

Relays

Channels	16
Contact Rating	16Amp @ 30VDC 16Amp @ 240VAC
Contact method	SPDT, form C
Protection	Voltage Suppressors

Digital Inputs

Channels	16
Voltage Range	5V to 48VDC 90-300VAC (IA-3118H)

Communication

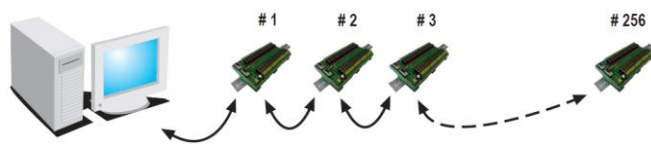
Main COM	USB or RS-232
Expansion COM	RS-232
Default BR	19200bps
COME Rate	1200-115Kbps
Expansion Port	DB9 Male

Daisy Chain

Chaining cable	DB9 M/F, Direct Pin-to-Pin cable
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Power Consumption

Voltage Range	0.5Amp@24VDC
Module size:	22-30VDC
Weight:	265x115x45 mm
	572 gr



Ordering Information

IA-3118-U2i-P	16-ch Relay, 16-ch Digital Inputs USB or RS-232 Controlled
IA-3118H-U2i-P	High voltage monitor range 90-300VAC
IA-3118-E-P	16-ch Relay, 16-ch Digital Inputs TCP/IP Controlled
IA-3118H-E-P	High voltage monitor range 90-300VAC



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