



Features

- 64-ch Digital Input
- Isolated USB Port
- High Noise Immunity
- Simple Transparent Chaining
- Input Change Auto Report Mode
- Status Reading Polling Mode
- Positive or Negative Logic
- Input Masking Ability
- Watchdog Protected
- DIN-Rail Mounting ready

Introduction

The IA-3123-U2i is an Industrial 64-ch Digital Input Module with high noise immunity. The IA-3123-U2i includes an isolated USB port for better Ground Loop handling and better protection the Host PC from factory floor EMI/RFI noise.

The IA-3123-U2i 64-ch Digital Inputs module can be operated by status polling method, making use of its Software Drivers, provided within its software support package, or it can be operated as a Stand-alone device, using its Digital Input Change, "Auto Report" mode, generating a Software Interrupt on any input change.

The IA-3123-U2i is capable of handling both Positive and Negative signals without the need for external components.

Ordering Information

IA-3123-U2i	64-ch Digital Input IA-3000 Daisy-Chain Series USB or RS-232 Controlled Multi-Drop Expandable
IA-3123-2	64-ch Digital Input IA-3000 Daisy-Chain Series RS-232 controlled Multi-Drop Expandable

Digital Inputs

Channels quantity	64
Voltage range	0 to 30VDC
Activation Logic	Positive or Negative
Activation Range	0 to 1.5VDC in Negative Logic 4 to 30VDC in Positive Logic

Relay

Channels quantity	1
Type	SPDT, single change over
Contact rating	2Amp @ 30VDC

Communication:

USB

Connector type	USB type B
Baud-rate range	1200-115200bps
Default BR Value	19200
Host/Module cable	USB A/B, package included

Chain

Input Connector	DB9 Female
Output Connector	DB9 Female
Chaining cable	DB9 M/F, Direct Pin-to-Pin cable, up to 15 m long

General

Supply voltage	10-30VDC
Size	150x120x40mm
Weight	250gr

