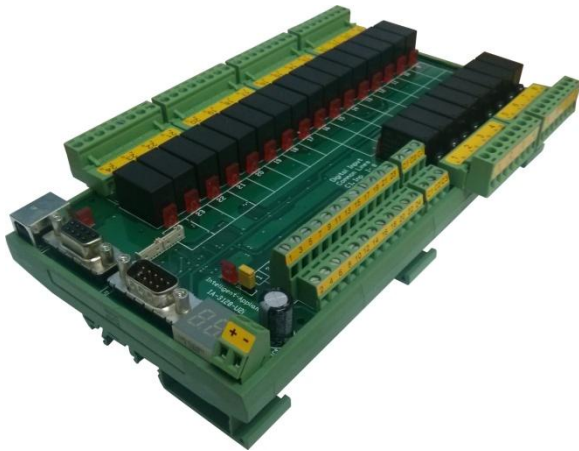


IA-3128S-U2i

24-ch Relay,
24-ch Isolated Digital Inputs,
USB Controlled Module

 **Intelligent Appliance**
For Smart Solutions...



Introduction

The IA-3128S-U2i is an Industrial Relay Board with 24-ch Relay, 24-ch Isolated Digital Inputs, Isolated USB Port and transparent Daisy-Chain facility based on buffered RS-232 Interface ports.

In addition to the Isolated Digital Inputs there is software based Digital Filter with a variable frequency cut point to best fit customer need.

Two 24bit Event Counter channels were implemented into the card's facility, connected to the two last Digital Inputs ch-23 and ch-24, with a 500Hz maximum counting frequency, that equals 30,000 RPM in case of a pulse per revolution.

The IA-3128S-U2i is CE and FCC approved, with contact rating of 5Amp at 30VDC and 250VAC.

The software support package includes DOT.net Library, Open Source software examples and Configuration and Operation utilities for fast software implementation.

Ordering Information

IA-3128S-U2i	USB or RS-232 Controlled, 24-Ch Relay, 24-Ch Isolated DI USB Cable, 1m included
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Features

- 24-ch Relay
- 24-ch Isolated Digital Input
- 2-ch Event Counter
- Isolated USB Port
- USB and RS-232 Controlled
- Digitally Filtered Inputs
- Inductive Load Protection on each output
- Dual Watchdog Protection
- Each Input is Solely wired
- DIN-Rail mounting ready
- Easy Chaining

Specifications

Relay

Channel	24
Relay type	SPST Form A
Contact Rating	5 Amp @ 30VDC 5 Amp @ 250VAC
Operation Time	8mS
Release Time	5mS

Isolated Digital Inputs

Channels	24
Isolation	Optic, 2500 Volt
Wiring	Solely, 2 Wires each
Active Range	6-30 VDC
Non-Active Range	0-3 VDC
Alternative Range	Available upon request

Event Counters

Channels	2 (Digital IN #23, #24)
Maximum Freq.	500Hz (30,000RPM @ 1 PPR)

Communication Ports

USB Port	Isolated
RS-232 Port	Buffered
Default Parameters	19200, n, 8, 1, 1
BR Range	1200 – 115200
USB Wiring	A/B Cable, included
RS-232 Wiring	M/F, Direct, p2p, 3 wires

General

Power Consumption	24VDC, 14W
Dimensions	265x115x45 mm
Weight	450gr