

IA-3138-U2i

16-ch Relay
USB and RS-232 Controlled



Features

- Isolated USB Port
- 16-ch Power SPDT Relays
- Two Voltage Suppressors on each relay
- AC/DC Isolated Voltage Monitor Input
- With a Wide Voltage range
- Onboard Dual Watchdog Protection
- .Net software drivers
- Labview software Drivers
- Setting and Operation Utilities
- Built-in Transparent Chaining facility
- DIN-Rail/Wall mounting ready

Introduction

The IA-3138-U2i is an industrial Relay controller with 16-ch Power Relay, a single Voltage Monitor channel, USB and RS-232 controlled. Its USB port is Optically Isolated for a better separation between the Host computers to the Factory floor.

The IA-3138-U2i includes 16 Power SPDT Relays, with a contact rating of 16 Amp and two Voltage Suppressors each, to reduce the EMI/RFI Noise and to widen the relays life time.

The IA-3138-U2i includes a built-in transparent chaining facility, dual watchdog protection circuits, DIN-Rail mounting fixture, and it may be ordered as either 24VDC or 12VDC powered.

The IA-3138-U2i software package includes Open Source Code Software Examples, Setting and Operation utilities for fast system integration.

Ordering Information

IA-3138-U2i	16-ch Relay, 1-ch, 10~60VDC , Monitor voltage range USB and RS-232 Controlled, 24VDC Powered
IA-3138H-U2i-x	90~277VAC , Monitor voltage range
IA-3138-U2i-P	Pluggable version

Specifications

Relays

Channels	16
Contact Rating	16Amp @ 250VAC
Contact method	SPDT, Form C
Operation time	15 mS
Release time	8 mS
Insulation Strength	5000VAC

Isolated Voltage

Monitor

Channels	1
Voltage Range	No Suffix: 10 ~ 60VDC "H" Suffix: 90 ~ 277VAC

Communication

Main COM	Isolated USB or RS-232, DB9 Female
Expansion Port	Buffered RS-232, DB9 Male
Factory Defaults	Baud Rate 19.2bps Data bits 8 Parity None Stop bits 1

Baud Rate Range	1200-115Kbps
Host USB Cable	USB A/B, Included
Host RS-232 Cable	DB9 M/F Straight Through
Expansion RS-232 Cable	DB9 M/F Straight Through

General

Power supply	24VDC, 0.5Amp 12VDC, 1Amp (IA-3137-XXX- X-12VDC Version)
Module Size	265x115x45 mm
Weight	440gr
Mounting	Din-Rail and Wall mount Ready

