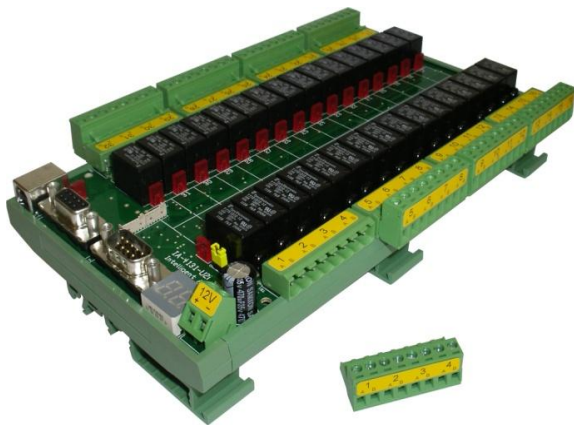# IA-4131-U2i
32-ch, 5Amp Relay
USB or RS-232 Controlled
IA Daisy-Chain Series

iA Intelligent Appliance
For Smart Solutions...

Features

- USB & RS-232 Controlled
- 32 Relays
- 5A @ 30VDC, 5A @ 250VAC
- Isolated USB Port
- Highly Featured Command List
- Local and Global Commands
- Open Source Code Samples
- Setup & Operation Utilities
- Watchdog Protection
- Pluggable Connectors, (included)
- Simple Transparent Chaining
- DIN-Rail mounting ready

Introduction

The IA-4131-U2i is an Industrial, 32-ch, Relay Controller Board with pluggable industrial terminals.

The board is supported by the rich Series-3000 commands list, with single, eight and 32 relays control commands, as well as several boards global control commands, that can set the status of several hundred relay at the same time.

The IA-4131-U2i Relay Controller supports a Daisy-Chain operation.

It includes a buffered output port communication method, enabling a simple and a transparent control over a massive amount of boards.

The IA-4131-U2i Software Support package includes USB software drivers, open source code samples as well as setup and configuration utilities for fast product implementation.

Specifications

32 Relays

Contact current	5Amp@30VDC
	5Amp@250VAC
Operation time	8mS
Release time	5mS
Mechanical Endurance	10×10^6
Electrical Endurance	1×10^5
Contact method	SPST, A form

Communication

Main COM	USB or RS-232
Expansion COM	RS-232
Defalt BR	19200bps
COM Rate	1200-115Kbps
Expention Port	DB9 Male
Host/Module Cable	USB A/B (included)
Module/Module Cable	DB9 M/F pin-to-pin
	3 wires, pin 2, 3 and 5
	Up to 15m long

General

Supply Voltage	24VDC, 0.7Amp
	12VDC, 1.4Amp
Module Size	220x135x45 mm
Weight	560gr

Ordering Information

IA-4131-U2i-P	32-ch, 5Amp Relay, USB or RS-232 Controlled Module, USB Cable included, **24VDC.**
IA-4131-U2i-P/12	32-ch, 5Amp Relay, USB or RS-232 Controlled Module, USB Cable included, **12VDC.**