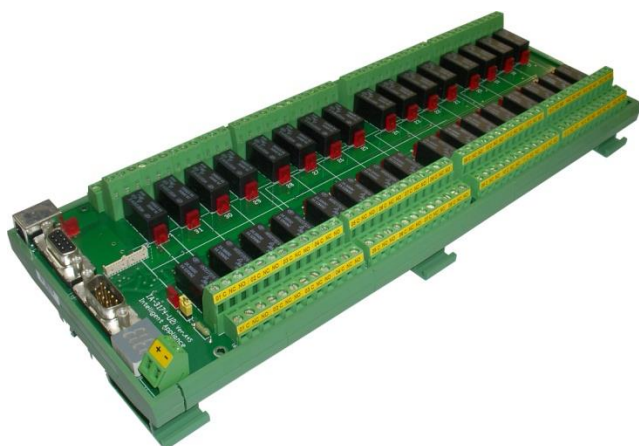# IA-3174-U2i

32-ch DPDT Relay
USB and RS-232 Controlled
IA Easily Chained Series

iA Intelligent Appliance
For Smart Solutions...

Introduction

The IA-3174-U2i(-P) is an Industrial, 32-ch, DPDT Relay Controller Board with pluggable industrial terminal Blocks, (P suffix only).

These boards are supported by a rich Series-3000 commands list, including single, eight and 32 relays control commands, as well as several boards global control commands, that can set the status of hundreds relay units at the same time.

The IA-3131-U2i(-P) includes a buffered output port communication method, enabling a simple and a transparent control over Tenths of boards of several kind.

The IA-3131-U2i(-P) Software Support package includes USB software drivers, open source code Examples, setup and operation utilities, as well as Visual Studio and Labview Drivers for fast and easy product implementation.

Ordering Information

IA-3174-U2i-P	32-ch DPDT Relay Controller USB & RS-232 Controlled, 24VDC Industrial Pluggable Block (included)
IA-3174-U2i	32-ch DPDT Relay Controller USB & RS-232 Controlled, 24VDC
-12VDC suffix	12VDC Supply Voltage

Features

- 32 DPDT Relay Controller
- Wired completely, 6 wires per Ch.
- 2Amp@30VDC, 0.5@ 115VAC
- USB & RS-232 Controlled
- Isolated USB Port
- Highly Featured Command Set
- Local and Global commands
- Visual Studio & Labview Drivers
- Open Source code Examples
- Setup & Operation Utilities
- Built-in Watchdog Protection
- Pluggable Connectors, (P Suffix)
- Simple Transparent Chaining
- CE & FCC Approved
- ROHS Compliant
- DIN-Rail & Wall mounting ready

Specifications

Relays

Channels	32
Relay kind	DPDT
Rating Current	2Amp@30VDC 0.5Amp@125VAC
Mechanical Endurance	$1x10^8$
Electrical Endurance	$1x10^5$

Communication

Main COM	USB and RS-232
Baud Rate Range	1200-115Kbps
Default BR	19200bps
Default Configuration	8, N, 1, None
Expansion Port	DB9 Male
Host/Module Cable	USB A/B (included)
Chaining Cable	M/F DB9 Cable

General

Supply Voltage	24VDC, 0.7Amp 12VDC, 0.4Amp*
Operation Temperature	0 - 60° C.
None Operational	-20 - 70° C.
Module Size	305x115x45 mm
Weight	570gr

CE FC RoHS COMPLIANT