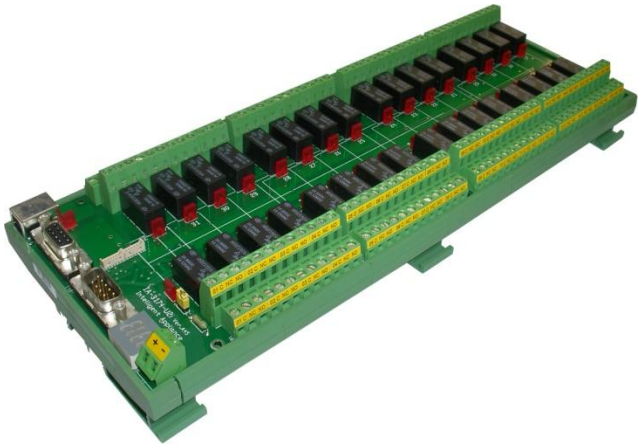
IA-3174

32-ch DPDT Relay
USB or RS-232 Controlled
IA Daisy-Chain Series

Intelligent Appliance
For Smart Solutions...



Introduction

The IA-3174-U2i is an Industrial Relay Controller Board that includes 32 DPDT relays with a complete 6 contact support on each of them, featuring a wide range of wiring combinations, including differential and dual differential multiplexing.
The board is supported by the rich Series-3000 commands list, with two new additional commands, for a smart single and twin relay operation, with an on board “Break-before-Make” facility.
The IA-3174-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-3174-U2i Software Support package includes USB software drivers, open source code samples as well as setup and configuration utilities for fast product implementation

Ordering Information

IA-3174-U2i	32-ch, 2Amp DPDT Relay, **USB or RS-232** Controlled Module, USB Cable included, **24VDC.**
IA-3174-U2i-P	**Pluggable** Terminal Blocks Version.
IA-3174-U2i-P/12*	**12VDC Pluggable** Version.
IA-3174-2	32-ch, 2Amp DPDT Relay, **RS-232** Controlled Module, DB9 MF Cable included, **24VDC.**

Features

- Isolated USB Port
- Simple operation
- 6 Lines wired, DPDT
- 1, 2, 8, 32 Relays control commands
- Thousands relays global commands
- High speed communication
- Bundled software utilities
- Open source examples
- Daisy-chain enabled
- Built-in watchdog
- DIN rail mounting ready

Specifications

32 Relays

Contact current	2Amp@30VDC
Contact method	DPDT, 6 wired contact

Communication

Main COM	Isolated USB or RS-232
Expansion COM	RS-232
Defalt BR	19200bps
COM Rate	1200-115Kbps
COM Input	USB or DB9 Female
COM Output	DB9 Male

Wiring

Host/Module Cable	USB or DB9 M/F pin-to-pin
Module/Module Cable	DB9 M/F pin-to-pin Up to 15m between each module.

General

Supply Voltage	24VDC, 0.4Amp 12VDC, 0.7Amp*
Module Size	305x115x45 mm
Weight	570gr

CE FC

All modules are Multi-Drop Expandable