IA-3174-E

TCP/IP Ethernet Controller
32-ch DPDT Relay
IA Daisy-Chain Series

iA Intelligent Appliance
For Smart Solutions...

Features

- WEB, TCP/IP Controlled
- Simple operation
- 6 Lines wired, DPDT Relays
- 2Amp@30VDC, 0.5Amp@115VAC
- 1, 2, 8, 32 Relays control commands
- Thousands relays global commands
- High speed communication
- Bundled software utilities
- Open source software examples
- Local Daisy-chain further Expansion
- Built-in watchdog
- DIN rail mounting ready

Introduction

The IA-3174-E is an Industrial, TCP/IP, Web controlled 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 boards are 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-E Relay Controller includes Series-3000 Daisy-Chain system too, for Local further expansion, featuring a simple control over a massive amount of boards, through a single IP.

The IA-3174-E Software Support package includes open source code examples as well as setup and configuration utilities for fast product implementation.

The IA-3174-E makes an excellent tool for Web control systems, Factory Floor, Machine Control, Environment control and Home control.

Specifications

32 Relays
Contact current	2Amp@30VDC
	0.5Amp@115VAC
Contact method	DPDT, 6 wired contact

Communication
Ethernet
LAN	10/100 Base-T
Protocol	TCP/IP DHCP and Static
Default IP	10.1.1.22
Default Port	23
Connector	RJ45

Serial Port
Baud Rate Range	1200 – 115200
Default Settings	19200, 8, n, 1
Flow Control	None
Connector	DB9 Male

General
Supply Voltage	24VDC, 0.4Amp
	12VDC, 0.7Amp*
Operating temperature	0~60°C
Storage temperature	-30~80°C
Mounting	Din-Rail 35, wall
Dimensions	305x115x45 mm
Weight	570gr

Ordering Information

IA-3174-E	32-ch, 2Amp DPDT Relay, **TCP/IP Ethernet** Controlled Module, RJ45 cable 1.5m included**.**
IA-3174-U2i	32-ch, 2Amp DPDT Relay, **USB or RS-232** Controlled Module, USB Cable included**.**
IA-3174-XXX/12*	**12VDC** Version.
IA-3174-XXX-P	**Pluggable** Version

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