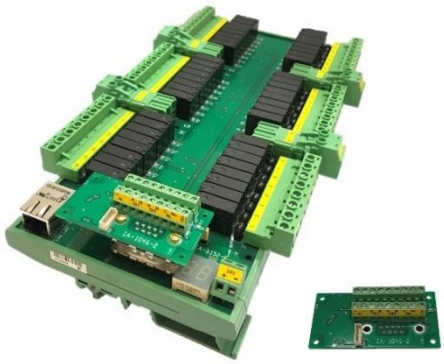
IA-1046-E

2-ch Isolated Digital Inputs
8-ch Digital Outputs
1-ch Solid-State Relay

Intelligent Appliance
For Smart Solutions...



Features

- 2-ch Isolated Digital Input
- 8-ch Digital Output
- 1-ch Solid-State Relay
- Supports IA Ethernet/Web Controllers
- CE FCC approved ROHS compliant
- Series-3000 Software Compatible
- Visual Studio Net Lib
- LabTech Drivers
- DIN-Rail and Wall mounting ready

Introduction

The IA-1046-E is a Plugin Unit designed to extend Intelligent-Appliance Ethernet Controllers basic functions.

This plugin unit includes 2 Isolated Digital Input channels that can monitor external voltage sources in the range of 5 to 30VDC.

Each Digital input is isolated from each other and from the extended board by up to 3750 Volt.

The Digital Output port includes 8 channels that are capable of Sinking or Sourcing up to 24 milliamps each, limited to a total current consumption of 100mA.

The Solid-State relay of AC/DC output kind, with a rated current of 0.4Amp and a rated Voltage of 60VDC.

The IA-1046-E plugin unit easily mounted onto Ethernet Controller, fitted into the extension connector, fixed by its two 4-40 screws (included).

MS Studio DOT.net Library, Code examples and Operation/Configuration utilities enable fast system integration.

Relays

Channels	1
Type	Solid-State
Output Stage	AC/DC
Current Rating	0.4Amp
Voltage Rating	60VDC
Output Drop Voltage	+/- 0.1VDC

Isolated Digital Input

Channels	2
Input Voltage Range	5 – 30VDC
Isolation Voltage	3750 Volt

Digital Output

Channels	8
Output Current	+/- 24mA/2ch
Voltage Range	0 – 5VDC

Expansion Port

Expansion COM Rate	1200 – 115200
Default Rate	19.2Kbps
Default Chain Address	01
Connector Type	DB9 Female

General

Power Supply	5 Volt
Current Consumption	120 mA
Fixing Screws	4-40 x 7/16”
Mounting	IA Ethernet Device DB9 Male Connector
Operation Temperature	0 ~ 60° C
Storage Temperature	-30 ~ 80° C
Module Size	61x31x23 mm
Weight	22g

Ordering Information

IA-1046-E	2-ch Isolated Digital Inputs 8-ch Digital Output 1-ch Solid-State Relay IA Ethernet Plugin unit