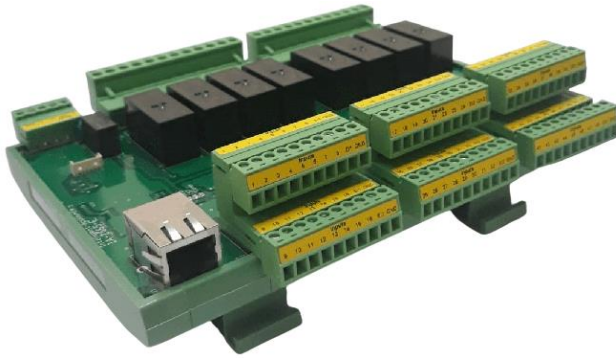


IA-2665-E

Multifunction ATE module
8-ch Analog Input
32-ch Digital I/O
8-ch Power Relay

 **Intelligent Appliance**
For Smart Solutions...



Introduction

The IA-2665-E is a Multifunction ATE module, Ethernet Controlled.

This module includes 8 Analog Input channels, One Analog Output Channel, 32 Digital I/O channels and 8 Power SPDT Relays.

The Analog channels are of 12bit resolution including Voltage range of 5V to 40VDC and current range of 20ma.

The Digital Input range is 2V to 30VDC, with software selected operational voltage for best fitting tested equipment.

The Digital Output channels, current rating, is +/-24 mA & 5VDC.

The Power Relays are of SPDT kind, rated at 16Amp @ 24VDC.

The Digital Input Pull-up resistors may be software defined to Pull-up or pull-down in order of best handling Positive and Negative Signals.

The IA-2665-E software support package includes Visual Studio & Labview Drivers, open-source examples and software utilities for fast and easy system Integration.

Features

- Ethernet TCP/IP
- 8-ch 12bit Analog Input
- 1-ch 12bit Analog Output
- 16-ch Definable Level Digital Inputs
- 16-ch Digital Output
- 8-ch Power SPDT Relay
- 5V/3.3V/2.5V Digital-In operation Voltage
- Selectable Pull-up/Pull-down and Logic
- Pluggable Terminal blocks
- Din-Rail and Wall mounting ready

Specifications

Communication Port

Method Ethernet TCP/IP

Analog Inputs

Channels 8
Resolution 12bit
Voltage Range 5V, 10V, 20V, 40V, +/-5V
Current Range 0-20 mA, 4-20 mA

Analog Output

Channels 1
Resolution 12bit
Voltage Range 0 – 5VDC

Digital Inputs

Channels 16
Input Voltage Range 2V – 30V DC
Internal Op.Voltage 2.5V/3.3V/5V S/W Defined

Digital Outputs

Channels 16
ET Suffix Rating +/- 24mA @ 5V TTL
EN Suffix Rating 100mA Sink, up to 50VDC

Synch I/O

Channels 2
Output Structure Open Collector

Power Relays

Channels 8
Contact Type SPDT
Contact Rating 16 Amp @ 24 VDC

General

Supply Current 0.3Amp @ 24VDC
Temperature Range 0 to 60^o C.
Module Size 170x115x50 mm
Weight 400gr

