IP to Relay
Sensor Signal Converter
for Velocity™ Control System

Introduction

The Atlona **AT-VCC-RELAY-KIT** is an accessory for the Atlona Velocity™ Control System that provides conversion between IP control commands and relay / sensor signals. This Velocity Control Converter is very compact and can be placed anywhere a device requires control and is not IP-capable. The VCC-RELAY-KIT is remotely powered through Power over Ethernet (PoE), or locally from a USB power source. The primary unit installs onto any surface via a convenient mounting dock. A simple "click" locks it into place for a secure, reliable installation. The control port module supports DIN rail installation, and features four relay outputs plus four sensor inputs. The inputs and outputs are both configurable for various operating modes.

Key Features

- Provides conversion between IP and relay / sensor control signals for the Velocity Control System
- Compact form factor – inconspicuous and easily concealable
- Easy to set up and configure using the Velocity Control Suite
- Remotely powered via PoE (Power over Ethernet)
- Also can be powered through USB from a nearby USB power source
- Primary unit installs onto any surface via a convenient mounting dock – simple "click" locks device into place
- Control port module includes four relay outputs and four sensor inputs
- Relay outputs configurable to support common relay types – Single Pole Single Throw (SPST), Single Pole Double Throw (SPDT), and Double Pole Double Throw (DPDT)
- Sensor inputs can be configured to support voltage or contact closure sensing
- Push-in terminal blocks for relay and sensor connections
- 4.5 foot (1.4 meter) cable
- Control port module supports DIN rail installation
- Award-winning 10 year limited product warranty

Specifications

Ethernet	
Port	1 x RJ45
Standards and Protocols	TCP
Speeds	10/100 Mbps
Addressing	DHCP, Static – selectable through Velocity and built-in web server

Relay	
Port	4 x SPST with transient voltage suppression 24 V AC/DC or 0.5 A NO contact
Configurations	Single Pole Single Throw (SPST) Single Pole Double Throw (SPDT) Double Pole Double Throw (DPDT)
Mode	Voltage: AC/DC voltages ± 3 V to ± 24 V (RMS) Contact Closure: Use for input from devices or feedback from external relays

Power	
USB	Micro-B
PoE	802.3af-compliant

Dimensions	Inches	Millimeters
H x W x D (AT-VCC-RELAY)	0.90 x 3.24 x 2.00	22.86 x 82.29 x 50.80
H x W x D (AT-VCC)	0.82 x 1.22 x 2.58	20.82 x 30.98 x 65.53

Weight	Pounds	Kilograms
AT-VCC-RELAY	0.15	0.06
AT-VCC	0.05	0.02

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