VESDA-E VEA 40-Relay Local StaX

VER-A40-40-STX

The VESDA-E VEA Local Relay StaX allows signaling of alarm location from the detector via relays and provides mounting of fire panel loop input modules inside the enclosure. It is directly powered and controlled from the detector. Depending on the configuration a VEA detector can power and control up to three (3) Relay StaX. Each Relay StaX provides 40 relay connections corresponding to 40 tubes on a VEA detector providing full addressability.

Installation

The Relay StaX features a robust IP40-rated enclosure. The Relay StaX has the same dimensions as the VEA detector making it easy to install. It can be mounted above or below the detector. A spacer is provided to precisely align the Local Relay StaX mounting bracket with the detector mounting bracket, the same spacer is used to provide correct spacing in case of direct mounting to the wall. The Relay StaX is fully supported by the Xtralis VSC software package for commissioning and maintenance.

Features

- 40 relays
- Each relay responds to a smoke event located on one tube of the detector
- Provides for mounting of loop modules inside enclosure
- IP 40 enclosure (not UL tested)
- Easy mounting with optional steel support bracket

Listings / Approvals

- UL
- ULC
- EN 54-20
- Other major agency approvals pending

Regional approvals listings and regulatory compliance vary between product models. Refer to www.xtralis.com for the latest product approvals matrix.

VESDA®

VESDA-E VEA 40-Relay Local StaX

VER-A40-40-STX

Specifications

Supply Voltage	18 to 30 VDC (24 VDC Nominal)
Power Consumption @ 24VDC	Average Quiescent: 20 mA Average Alarm: 250 mA
Dimensions (WHD)	352.05 mm x 340.5 mm x 135.5 mm (13.9 in x 13.4 in x 5.3 in)
Weight	5.1 kg (11.22 lbs)
Operating Conditions	Ambient: 0°C to 39°C (32°F to 102°F) Tested to: • EN 54-20: -10°C to +55°C (+14°F to +131°F)* • UL: 0°C to +49°C (+32°F to +120°F) Humidity: 10% to 95% RH, non-condensing
Storage Conditions (Non-operational)	Humidity: Dry (<95%) Temperature: 0° to 85°C Must not be exposed to sunlight or other radiation sources
Relays	40 relays Contacts rated 2 A @ 30 VDC (Resistive) Programmable to latch or not latch
IP Rating	IP40 (not UL tested)
Cable Access	4 x 25 mm (1”) cable entries
Cable Termination	Screw terminal blocks (0.2-1.5 sq mm, 24-16 AWG)

* Product UL Listed between 0°C to 49°C (32°F to 120°F).

How it works

When the VESDA-E VEA-040-A10 detector detects an alarm it then scans to determine which tubes have smoke present. The Relay StaX will turn on the relay corresponding to each tube for which smoke has been found.

- **Relay Mapping:** Relays 1 to 40 correspond to tubes 1 to 40 for the detector.
- **Latching:** The Local Relay StaX relay latching will follow the detector’s Alarm latching configuration.

Ordering Information

VESDA-E VEA 40-Relay Local StaX	VER-A40-40-STX

Spare Parts

VESDA-E VEA-40 Mounting Bracket	VSP-970

Approvals Compliance

Please refer to the Product Guide for details regarding compliant design, installation and commissioning.

www.xtralis.com
UK and Europe +44 1442 242 330 **The Americas** +1 800 229 4434
Middle East +962 6 588 5622 **Asia** +86 10 56697101 **Australia and New Zealand** +61 3 9936 7000

Doc. no. 27855_03, November 2019 Part: 30670