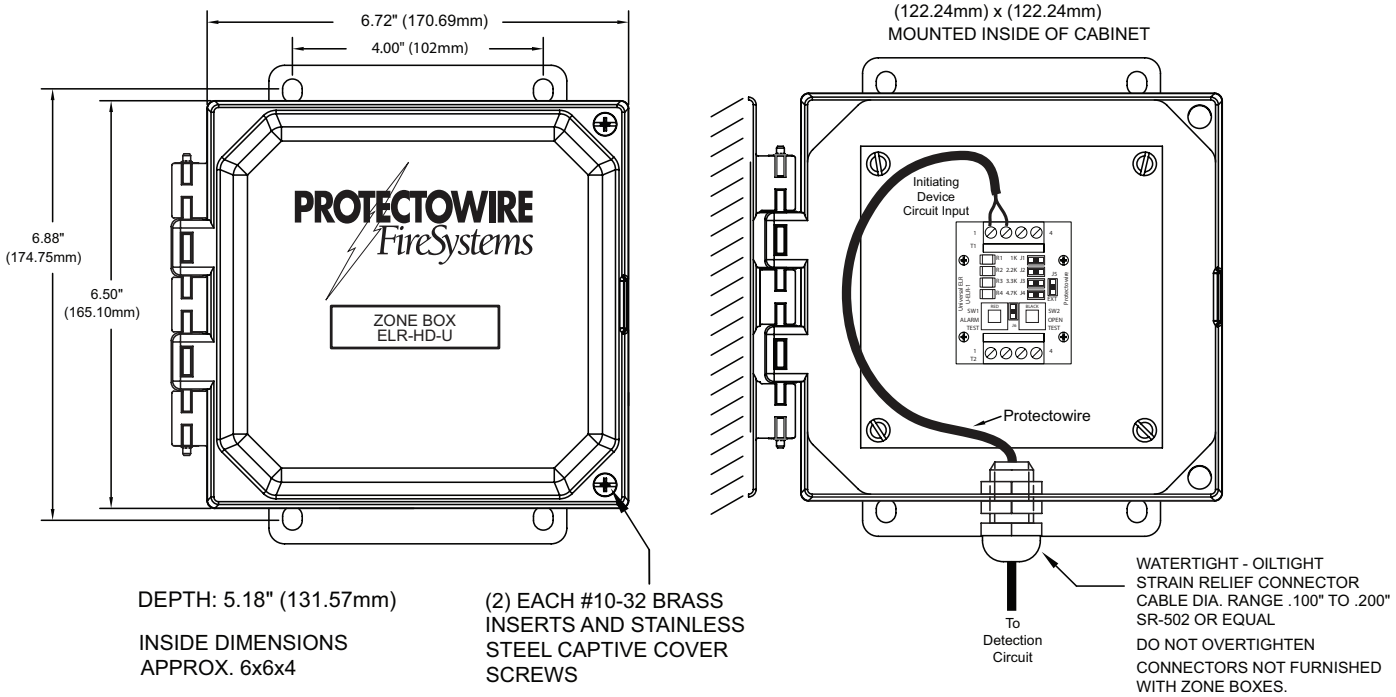
ELR-HD-U

Universal End of Line U-ELR-1 device with Test Switch Mounted in NEMA-4X Enclosure

Features

- Fiberglass NEMA-4X (IP66) end-of-line box with test switch and U-ELR-1 device.
- Heavy Duty Enclosure
- Dimensions: H 6” x W 6” x D 4”
- Compatible with FS2000, 2600HD, and SRP 4x4 control panels.
- Operating temperature -40°F to +158°F (-40°C to +70°C)

The ELR-HD-U consists of the U-ELR-1 Universal End-of-Line Resistor device mounted in a NEMA 4X enclosure. Used to terminate Class B detection circuits of fire alarm system employing Protectowire Line Type Heat Detector, the U-ELR-1 is furnished with quick connect clamping type terminals which makes it possible to fasten the detector directly to the terminals. All bends in the Protectowire Line Type Heat Detector should have a minimum radius of 2.5in (6.4cm). The U-ELR-1 Universal End-of-Line Resistor device is furnished with a Test Button. When the Test Button is pressed the detection circuit is shorted to simulate an alarm condition.



SR-502 Series Strain Relief Connectors sold separately

INSTALL IN ACCESSIBLE LOCATION PREFERABLY NOT MORE THAN SIX FEET ABOVE THE FLOOR.

The above enclosure is designed for use in highly corrosive atmospheres. The enclosure is molded from a reinforced polyester material which has excellent chemical resistance.

Weight: 2.0 Lbs.

U-ELR-1

Universal End of Line Resistor Device

The Protectowire U-ELR-1 is a field configurable End of Line Resistor Module compatible with most Protectowire Initiating Device Circuits (IDC). The module provides field selectable resistance values suitable for conditioning Class B Initiating Device Circuits. A built in alarm test switch (short) and a built in open test switch (open) allow for easy testing of IDC operation. Where a suitable resistance value can not be set using the internal resistance selection, an external resistor of the required value can be installed. Terminals are also provided for addition of an external alarm test switch to be installed in accordance with circuit requirements.

Specifications

ELR application load 2.2K Ohm and over = 12-24Vdc @ 1/4W max.
ELR application load 1K Ohm and less = 12Vdc @ 1/4 W max.
Operating Temperature Range: -40°F to +158°F (40°C to +70°C)

Note:

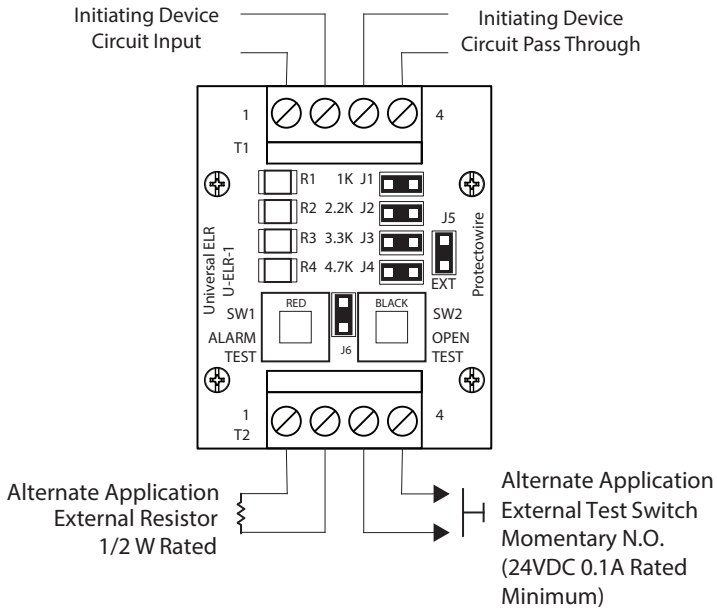
Designed for use with compatible control equipment. When employed on non-Protectowire control equipment, contact control manufacturer to confirm compatibility.

Leave removed jumpers mounted to a single header pin as shown.

Jumper Installed

Jumper Removed

TYPICAL FIELD WIRING



CONFIGURATION EXAMPLES