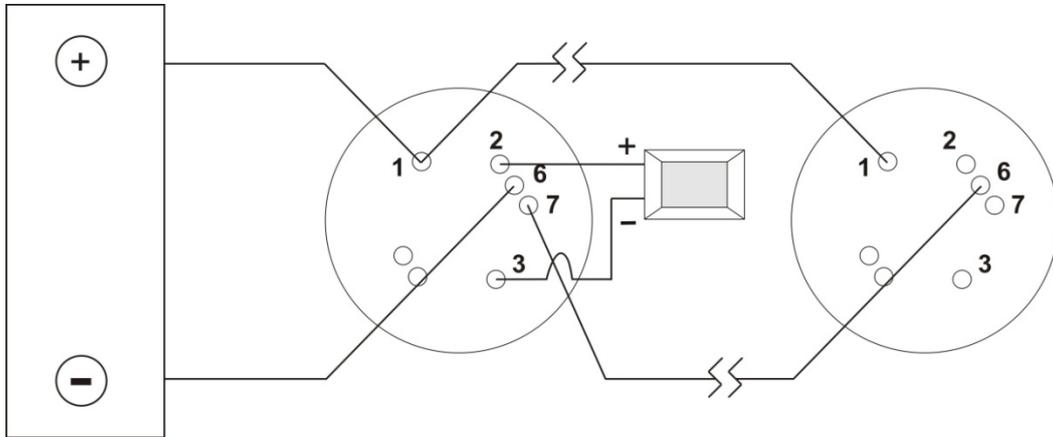


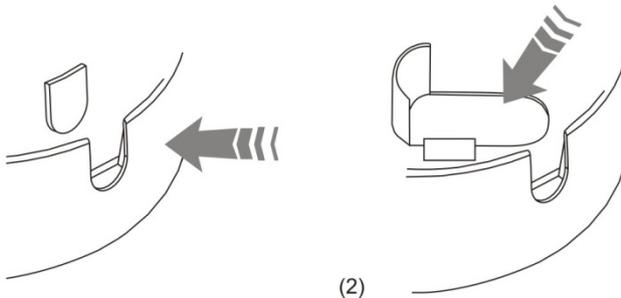
KZ715I Isolator Base Installation Sheet

EN

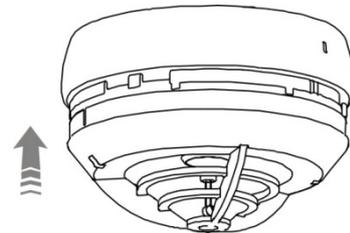
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2



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EN: Installation Sheet

Description

The KZ715I Isolator Base combines a detector base and an isolator module. The isolator protects the loop from the effects of a short circuit by isolating the affected part of the cable. A LED on the side of the base indicates the status of the isolator. The isolator base is compatible with the KL700A addressable detector series.

This device can also be used with the KZ715CAP as a standalone isolator.

Figures

Figure 1: Terminal connections

- Terminal 1 = Line in (positive)
- Terminal 2 = Remote indicator (positive)
- Terminal 3 = Remote indicator (negative)
- Terminal 6 = Line in (negative)
- Terminal 7 = Line out (negative)

Figure 2: Cable connection

- (1) Cable side entry tab
- (2) Cable back of base entry

Figure 3: Installing the detector head

Installation

Caution: For general guidelines on system planning, design, installation, commissioning, use, and maintenance, refer to the EN 54-14 standard and local regulations.

Polarity must be observed to ensure full functionality with all compatible devices.

Wiring

Caution: To ensure correct operation of your system, you must follow the cabling practices described below.

The cable used should have maximum resistance of 13.3 Ω /km per core.

Direct cable connection

The KZ715I Isolator Base allows for cable connection from the side by breaking the cable entry tab (see Figure 2, item 1), or from behind the base (see Figure 2, item 2).

To install the detector insert the detector head into the mounting base and rotate anticlockwise until it clicks into place (see Figure 3).

Maintenance and testing

Basic maintenance consists of a yearly visual inspection and the test shown below. Do not modify the internal wiring or circuitry.

To test the isolator:

1. Remove the detector head or the isolator cap from the base.
2. Test the isolator by creating a short circuit between terminals 1 and 6, and verifying that the isolator status LED indicates this action. Repeat this test using terminals 1 and 7.

If the LED doesn't respond correctly, check all wiring connections.

Specifications

| | |
|---------------------------------|------------------------------------|
| Operating voltage | 18.5 to 39 VDC (36 VDC nominal) |
| Current consumption: | |
| Standby | < 240 μ A |
| Isolated | < 7 mA |
| Passing | 800 max |
| Line resistance | < 0.1 Ω |
| Number of terminals | 5 |
| Earth contact | Yes |
| Remote indicator option | Yes |
| IP rating | IP30 |
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +70°C |
| Relative humidity | 10 to 95% noncondensing |
| Colour | White |
| Dimensions (\varnothing × H) | 100 × 29 mm |
| Weight | 49 g |

Regulatory information

| | |
|---|---|
| Manufacturer | Shanghai UTC Fire & Security Electronics, 1st Floor No. 2 Building No. 211, Qinqiao Road Jinqiao Export Processing Zone, Pudong New Area 201206, Shanghai, China Authorized EU manufacturing representative: UTC Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, Netherlands |
| Year of manufacture | The first two digits of the product serial number (located on the product identification label) are the year of manufacture. |
| Certification | CE |
| CPD certificates | 0370-CPD-1277 |
| EN 54 | EN 54-17: 2005/AC: 2007 |
|  | 2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info . |

Contact information

For contact information, see www.utcfireandsecurity.com.