

ZP752-2 Monitored Dual Output Module Installation Sheet

Description

The ZP752-2 provides two conventional output circuits for operating polarized sounders, and visual indicators. Both Output 1 and Output 2 share the same address and therefore switch on and off at the same time.

The module comprises a front plate and a backbox. The front plate houses the electronic components and plugs into the backbox. The backbox provides the screw terminals for connecting the field wiring.

The bicolor LED on the front plate indicates the status of the module (off = normal condition, red = active condition, amber = fault condition). There is space on the top left of the unit to attach an address label, if desired.

WARNING: This module will NOT operate without electrical power. As fires frequently cause power interruption, we suggest you discuss further safeguards with your local fire protection specialist.

Installation

1. Remove the front plate from the backbox.
2. Drill out the center hole in the backbox and run wires into the module.
3. Remove appropriate knockouts on the backbox for mounting to a conduit box. Mount the backbox to the conduit box.
4. Make all wiring connections as shown in Figure 2.
5. Set the module address as shown in Figure 1.
6. Attach the address label to the top left of the unit, if desired.
7. Secure the front plate to the backbox with the two screws provided.

Addressing the module

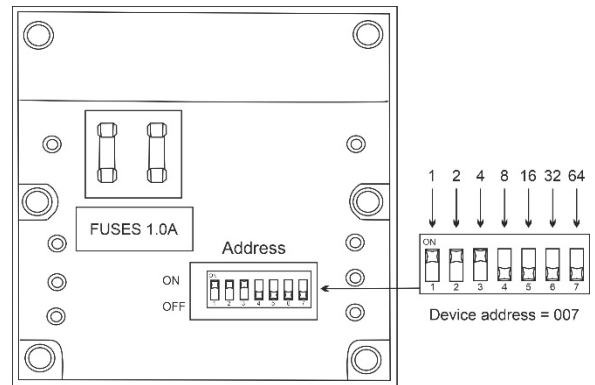
DIP switch SW1 is used to assign device addresses. Each switch segment has a decimal value as shown in Figure 1.

The sum of all the switch segments in the ON position determines the device address.

You can set the device address to any value between 001 and 127 that is not used by another device on the same loop.

For example, to select a device address of 007 you must set SW1-1, SW1-2, and SW1-3 to the ON position and the remaining switch segments to the OFF position.

Figure 1: Addressing the module



Wiring

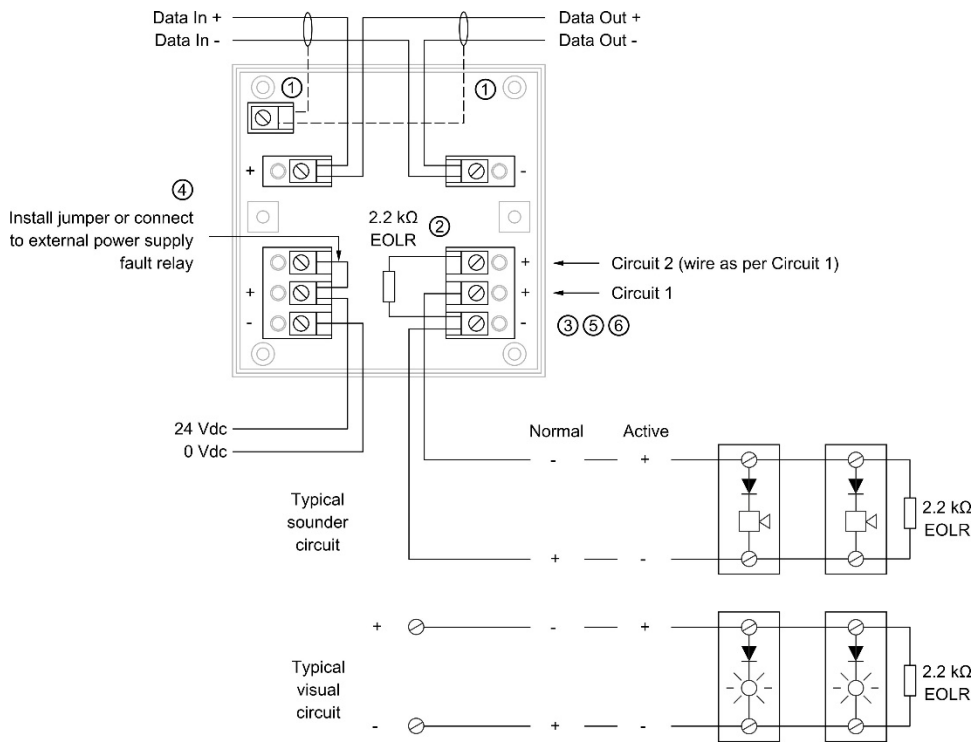
Field wiring connections are shown in Figure 2.

Run the wires through a hole in the backbox and connect them to the screw terminals as shown.

Specifications

Operating voltage	
External power supply	22 to 30 VDC
Loop power	20 volt pulsed analogue loop
Max line drop	2V
Current consumption	
Standby	400 μ A
Activated	600 μ A
Initiating device circuits (IDC)	
Output current	1 A at 24 VDC per circuit
EOL resistor value	2.2 K Ω
Application	Indoor use
Mounting	Surface
Construction	Moulded ABS
Colour	White
IP rating	IP42
Environmental	
Operating temperature	-10 to +55°C
Storage temperature	-10 to +70°C
Relative humidity	10 to 95% (noncondensing)
Weight	310 g
Dimensions (W x H x D)	120 x 120 x 40 mm

Figure 2: Wiring diagram



1. Screened cable.
 2. EOLR required if circuit is not used.
 3. Terminal marking (plus/minus) indicates signal polarity when the circuit is active. The polarity reverses when the circuit is not active.
 4. Signal source must be EN 54-4 compliant.
- If the external power supply has a supervision relay that monitors the status of the power supply (short-circuit indicates power supply is right), then connect the relay to this input. Otherwise short-circuit this input to avoid a fault in the module.
5. Each output circuit provides up to 1 A at 24 VDC. Each output circuit has a 1 A fuse. Fuses are monitored by the panel.
 6. Devices connected to the output circuit must be polarized as shown. If non-polarized devices are used, insert a 1N4002/7 diode in the positive leg of each device (with the stripe facing the device).

Regulatory information

This section provides a summary on the declared performance according to the Construction Products Regulation (EU) 305/2011 and Delegated Regulations (EU) 157/2014 and (EU) 574/2014.

For detailed information, see the product Declaration of Performance (available at firesecurityproducts.com).

Conformity	
Notified/Approved body	0370
Manufacturer	KGS Safety System (Hebei) Co. Ltd., 80 Changjiang East Road, QETDZ, Qinhuangdao 066004, Hebei, China. Authorized EU manufacturing representative: KGS Fire & Security B.V., Kelvinstraat 7, 6003 DH Weert, Netherlands.
Declaration of Performance number	10-5221-360-0299
Year of first CE marking	23
Product Identification	ZP752-2
Intended use	See the product Declaration of Performance
Declared performance	See the product Declaration of Performance
	2012/19/EU (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: recyclethis.info .

Contact information and product documentation

For contact information or to download the latest product documentation, visit firesecurityproducts.com.

Product warnings and disclaimers

These products are intended for sale to and installation by qualified professionals. KGS Fire & Security cannot provide any assurance that any person or entity buying its products, including any "authorized dealer" or "authorized reseller", is properly trained or experienced to correctly install fire and security related products.

For more information on warranty disclaimers and product safety information, please check <https://firesecurityproducts.com/policy/product-warning/> or scan the QR code:

