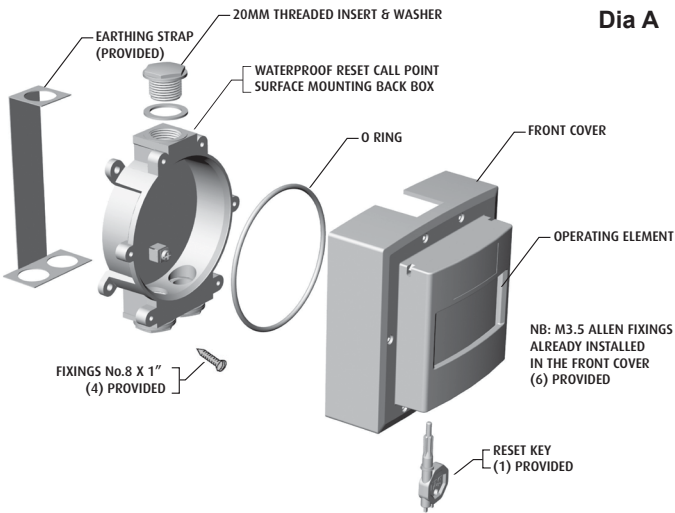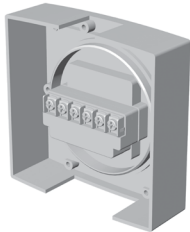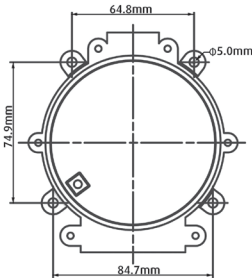# Waterproof ReSet Call Point Series 01,02 & 11

The IP 67 Waterproof ReSet (WRP) has been designed to deal with today's difficult and harsh environments. Like the ReSet Call Point it is a unique fire alarm manual Call Point that mimics the feel of breaking glass whilst offering the user the benefits and safety advantages of a glass-free resettable operating element. Once activated a warning flag drops in to view easily identifying the Call Point that has been operated. A key can then reset the unit. The Waterproof ReSet provides an ideal solution for most conventional fire alarm systems. Ideal for all outside applications such as oil rigs, ships, factories as well as wash down areas that are sensitive to broken glass.

Dia A

EARTHING STRAP (PROVIDED)

20MM THREADED INSERT & WASHER

WATERPROOF RESET CALL POINT SURFACE MOUNTING BACK BOX

O RING

FRONT COVER

OPERATING ELEMENT

NB: M3.5 ALLEN FIXINGS ALREADY INSTALLED IN THE FRONT COVER (6) PROVIDED

FIXINGS No.8 X 1" (4) PROVIDED

RESET KEY (1) PROVIDED

REAR VIEW SHOWING TERMINALS
Dia B

BACK BOX
Dia C

64.8mm
Ø5.0mm
74.9mm
84.7mm

IMPORTANT NOTICE

RECOMMENDED TIGHTENING SEQUENCE

Dia D
see note over

3   5

1   2

6   4
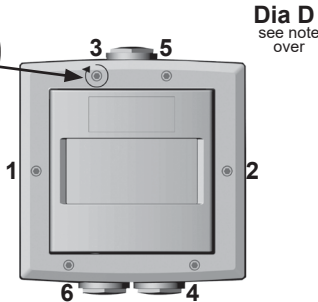
Connection Options for Waterproof ReSet Call Point Series 01

Waterproof ReSet Series 01 Configuration

470Ω   680Ω

1   2   3   4
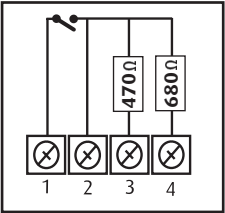
Option 1 terminals 1 & 2
Normally open switch closing on alarm

control panel
1
2
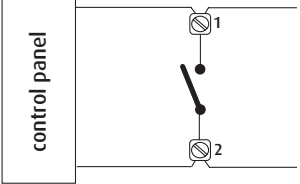
Option 2 terminals 1 & 3
Normally open switch closing on alarm with a 470 ohm resistor fitted in series with the switch

control panel
1
470
3
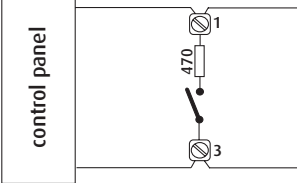
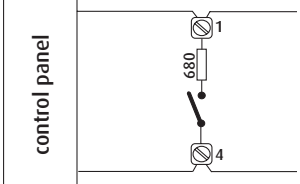**Option 3 terminals 1 & 4**
Normally open switch closing on alarm with a 680 ohm resistor fitted in series with the switch

control panel
1
680
4

Technical Data for Waterproof ReSet Call Point Series 01, 02 & 11

Mounting Method

1. Remove the Waterproof ReSet Call Point (WRP) from its packaging. Detach the front cover from the back box. The earthing strap will be attached to the back box. You have a choice to keep or remove the earthing strap.

2. Ensure the conduit or cabling lines up with the conduit entries located on the top or bottom of the back box and remove the desired conduit threaded insert(s). It is recommended that entry to the WRP is via the one or two 20mm threaded entries on the bottom of the back box.

3. Take the back box (ensuring the two entries are located at the bottom) and mark the position for the four fixing screws.

4. Drill the holes and install the back box using the four fixing screws and rawl plugs provided.

5. Complete the wiring connections (for multiple call points in a system, it is permissible to loop in/out using the same two terminals). Fix the front cover to the back box. There are x6 allen screws evenly distributed around the front cover. Using the allen key provided tighten each allen screw by one full turn, then move onto the next. This will ensure that even pressure is applied all the way around. See Dia D for recommendation on the sequence to be used. The recommended torque for the allen screws is 5 N•m.

   In order to achieve IP67 rating, ensure the front cover is securely tightened to the back box.

Dimensions
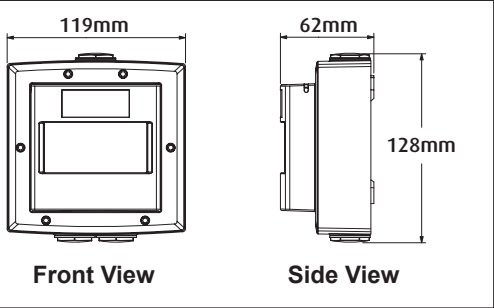
119mm   62mm   128mm

Front View   **Side View**

Waterproof ReSet Series 01
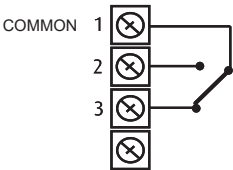
Waterproof ReSet Series 01, 02 & 11

Waterproof Series 01
Denotes a Waterproof ReSet Call Point that will interface with most conventional fire alarm systems. It is fitted with two internal 1 watt resistors 470 and 680 ohm. These are easily accessed through the installer terminals as illustrated.


COMMON 1
2
3   470Ω
4   680Ω
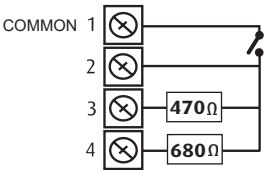
Waterproof Series 02
Denotes a Waterproof ReSet Call Point that is fitted with a single pole changeover switch. Both the normally open and normally closed contacts are easily accessed through the installer terminals as illustrated.

COMMON 1
2
3

Waterproof Series 11
Denotes a Waterproof ReSet Call Point that incorporates two independent single pole changeover switches providing double pole changeover contacts. Easily accessed through installer terminals as illustrated.

COMMON 1
2
3
4
5
COMMON 6
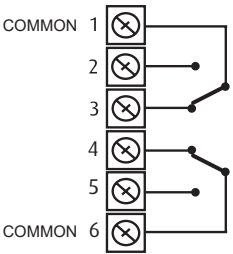
NB: Switch arrangements shown with WRP ReSet in standby.

Specifications

Current Rating (Series 01, 02 & 11)	3 Amps 12 - 24V DC
Current Rating (Series 11 only)	3 Amps 125 - 250V AC
Housing and Mounting Box Material	Polycarbonate
Electrical Contact Material	Silver plated brass
Operating Temperature	-20°C to +65°C
Installation Terminal Conductor Size	0.5mm to 2.5mm