

FP0938

Warden Intercom Point (WIP) Phone

Description

The VIGILANT FP0938 Warden Intercom Point (WIP) phone is designed specifically for use with sound and intercommunication systems for emergency purposes. WIP phones are used by wardens to communicate between evacuation zones and the intercom control and indication equipment (CIE). When the handset is lifted, a call is automatically initiated to the intercom CIE. The FP0938 has been certified as complying with AS/ACIF S004. It has been tested as a WIP phone for intercommunication systems for emergency purposes to AS 2220.1 and installed to AS 1670.4 at both the CIE and the WIP locations.

Operation

- To call the intercom CIE, lift the handset. A confidence tone will be heard until the call is answered at the intercom CIE.
- To answer a call, lift the handset.
- To end a call, replace the handset.

Ring Volume

When a call is initiated to a WIP phone, ringing sounds through a speaker in the body of the phone (not the earpiece).

If additional ring volume is required, e.g. the phone is mounted in a cupboard, the PA0689 WIP flashing LED board and SN0017 buzzer can be used to provide an external sounder (refer to PBQ0013A) or you can connect an external speaker (8 ohm to 25 ohm) to the SPKR terminals.

Safety Notice

The earpiece of the handset contains a magnet and may attract small metal objects such as staples or pins. Care should be taken when placing the handset near these items.

Compatibility

The FP0938 is compatible with all VIGILANT QE90 systems, and is a replacement for EA0404, TB/RC, TB/SE, A2095 and A2096 models.



Specifications

| | |
|-----------------------------|---|
| Operating Voltage (Current) | 6V (at 9mA) d.c. to 15V d.c. (at 22.5mA) |
| AC Impedance | 600 ohms off-hook 25 to 50 ohms on-hook |
| Ring Voltage | 6V a.c. r.m.s. |
| Ring SPL | approx. 82dBA @ 1m |
| Ambient Temperature | -10°C to + 50°C |
| Terminals | Screw, to suit 0.75mm ² to 1.5mm ² wire |
| | 1 Pair Line IN |
| | 1 Pair Line OUT or ELD resistor |
| | 1 Pair SPKR - External Speaker 8 to 25 ohm |
| Dimensions (on hook) | 215H x 70W x 70D mm |
| Material | Impact Resistant ABS |
| Colour | Red |
| Approvals | AS/ACIF S004:2004 |
| Part Numbers | |
| FP0938 | Vigilant WIP Phone Red |
| EA0412 | Surface Mounting |
| | Enclosure |
| PA0689 | PCB Assy WIP Flashing Bd |

Mounting

1. **Using the supplied bracket** - screw the bracket to the wall or to a standard electrical flush box. Slide the phone onto the bracket. See Figure 1 for hole locations. Note that an additional screw through the phone's base into the wall will prevent the phone from being easily removed from the bracket.

2. **Without the bracket** - if there is no free space above the phone, or the bracket cannot be used, drill out two or more of the slots in the corners of the base and screw it directly to the wall.

Wiring

Wire in accordance with AS 1670.4. Refer to Figures 2 and 3. Note the wiring is polarity sensitive. Connect the + terminal of the phone to the + terminal at the intercom CIE. If the polarity of a field phone is wrong a fault will be indicated but nothing will be damaged. However, if the CIE (master) phone is wired with wrong polarity no fault will be indicated. Ensure that the confidence tone is heard when it is picked up.

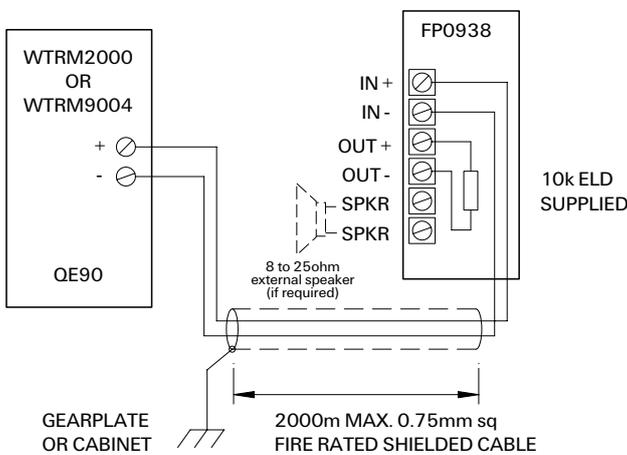


Figure 2 Field Phone Connections

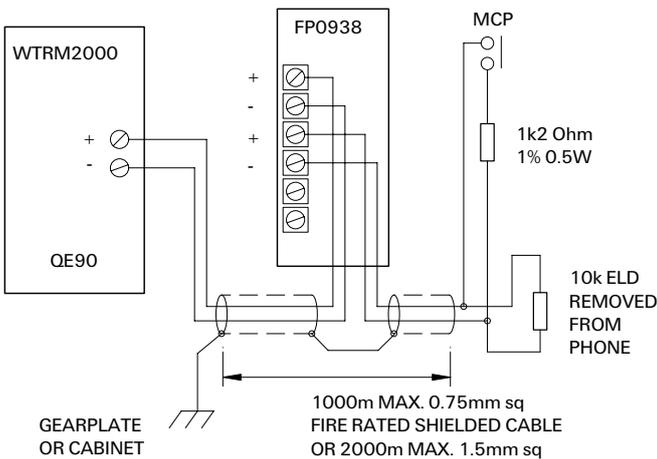


Figure 3 Field Phone and MCP Connections

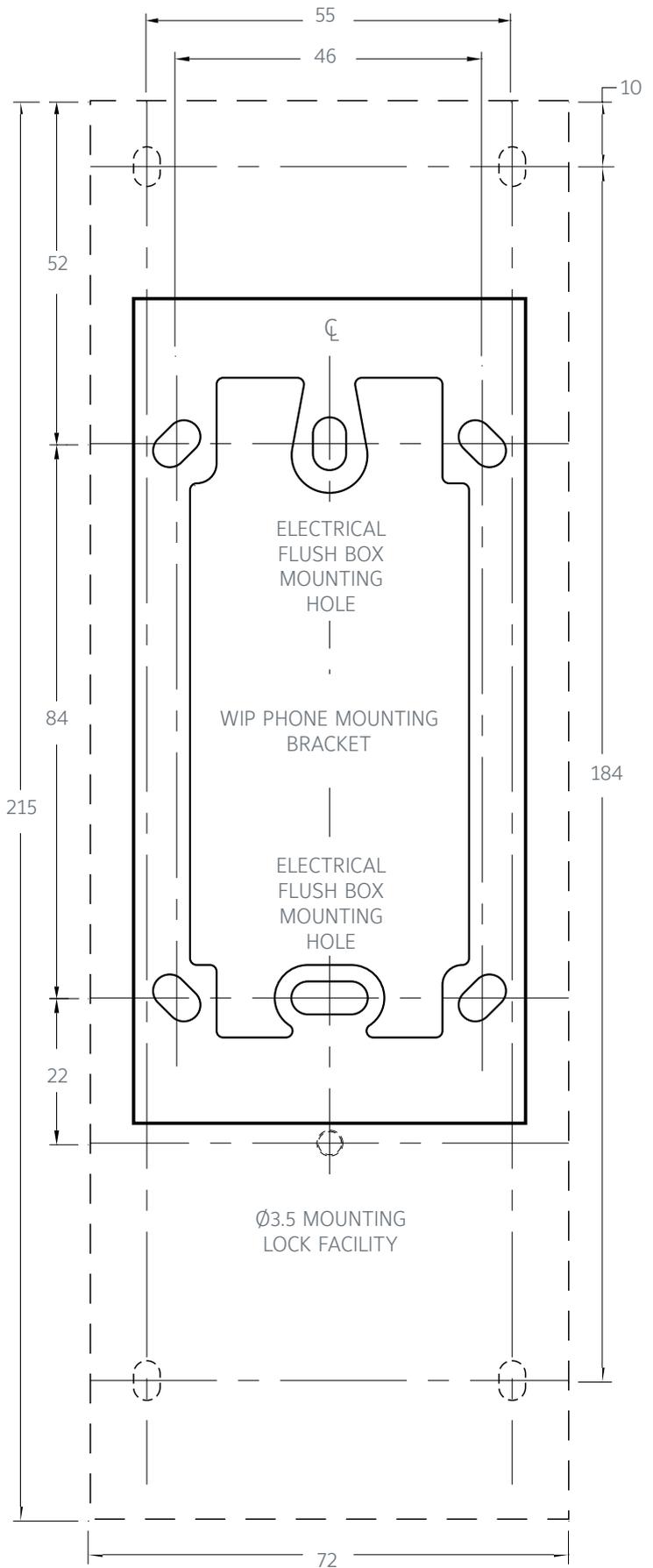


Figure 1 Mounting Bracket Detail

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VIGILANT, a respected regional brand of Johnson Controls, is a technology leader in the Australian and New Zealand fire detection markets with AS and NZS product approvals. The VIGILANT product line includes a comprehensive range of *MX TECHNOLOGY* fire detection products and the market-leading QE90 voice evacuation systems. VIGILANT product is widely supported throughout Australia and New Zealand by a network of installation companies, service companies and distributors.

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