MOFLASH SIGNALLING

INSTALLATION INFORMATION

PLEASE READ PRIOR TO INSTALLATION



X401/400 Series

VISUAL SIGNALLING DEVICE

S00534 - ISSUE 1

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APPROVALS AND CONFORMITIES

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General Installation Notes

- Installation must be carried out in accordance with the latest codes and regulations by a qualified electrician.
- Ensure power is disconnected prior to installation or maintenance to avoid danger of electrical shock.
- Environmental exposure conditions during installation should be dry. Moist or wet conditions should be avoided.
- The Lens of the product is Polycarbonate plastic. Do not clean with petroleum-based cleaners.
- For all installations, mount the Beacon ensuring the Lens is above the Base. Any other mounting positions will impair the IP Rating (Ingress Protection) of the Beacon.
- Avoid mounting the Beacon where it will be subjected to excessive vibration.

Installation Instructions

Carefully twist the Lens firmly one turn clockwise to remove it from the Base.

Please Note: Connections to this unit can be made either into the three-way Terminal Block located in the base of the unit (standard connection) or via the M20 side conduit entry.

If the M20 side conduit entry is the preferred method, then the two wires in the three-way Terminal Block in the base of the unit need to be unscrewed and freed from the Terminal Block.

Unscrew the 3 x No:4 screws that retain the base plate and carefully remove, threading the two wires through the aperture.

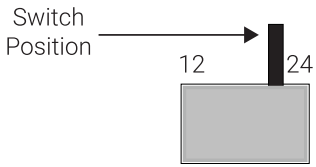
Now unscrew the same two wires from the internal Terminal Block located on the PCB.

Carefully drill out the M20 conduit knockout and using a suitably rated Cable Gland, insert power cable into the unit making the necessary connections to the internal Terminal Block on the PCB.

12/24vAC/DC

Connect power cable to the two-way Terminal Block marked '+' for Positive & '-' for Negative or via the three-way Terminal Block in the Base **(see Wiring Diagrams 1 & 3)** Please note, the termination is polarity conscience.

Now select the voltage required. The slide switch is pre-set for 24vDC. For 12vDC operation, move the slide switch over to the 12 symbol.

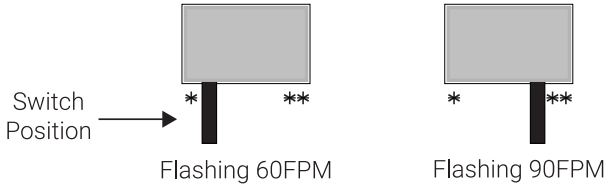


115vAC and 230vAC

Connect power cable to the two-way Terminal Block marked 'N' for Neutral & 'L' for Live, or via the three-way Terminal Block in the Base **(see Wiring Diagrams 2 & 4)**.

Flash Rate Selection

There is also the option to select the flash rate required. The slide switch mounted on the PCB is pre-set from factory to 60 FPM and is marked '*'. For 90 FPM, slide the switch to the position marked '**'.
Please note, the second flash generated with this mode of operation will be 25% less bright than the first. There is no other customer settings required.

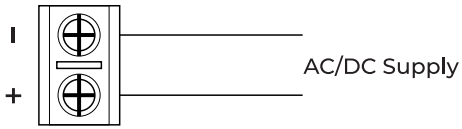


Once connections have been made screw the base plate back into position on the Base with the three screws removed earlier. Locate the Lens back onto the Base ensuring that the Base 'O' Ring is positioned correctly. Twist the Lens one turn anticlockwise to lock the Lens in place.
Affix the Base to the required surface utilising the sealing gasket (supplied) with 3 x M6 Hex set screws (not supplied).

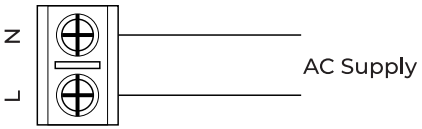
Cabling Details

- Maximum 1.5mm^2 (14 – 22 AWG) stranded core with 4mm cut back.

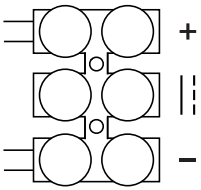
Wiring Diagram



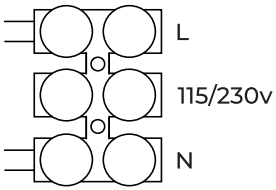
Wiring Diagram 1 (AC/DC)



Wiring Diagram 2 (AC)



Wiring Diagram 3 (AC/DC)



Wiring Diagram 4 (AC)

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