Clifford & Snell

INSTALLATION & TECHNICAL INFORMATION

PLEASE READ PRIOR TO INSTALLATION

For Translations and Documentation scan above.

FL40 Yodac Series

(Flashing Xenon Beacons)

VISUAL SIGNALLING DEVICE

S00631 Issue 5

APPROVALS AND CONFORMITIES

KM 713890

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Installation

- Installation must be carried out in accordance with the latest codes of practice by a qualified electrician.
- Check that the power supply is correct for the voltage rating of the Beacon to be installed.
- Ensure that the power supply is disconnected prior to installation or maintenance to avoid electrical shock.
- The back box must be mounted with the two cable entry holes at the top or bottom.
- Cable entries points (M20) are provided on all sides and in the base.
- The back box should be mounted to a wall, bulkhead or conduit box formed of suitable material using the back box and gasket supplied. See Figure 4 for mounting holes.
- Avoid mounting the Beacon where it could subjected to excessive vibration levels.
- It is not necessary to earth the alarm circuitry, but earth tags should be used if earth continuity of conduit or cable sheathing is to be maintained.

Ingress Protection

To maintain the IP rating of the product, the below points must be observed.

- A suitable rated (Minimum IP65) cable gland (not supplied) must be used.
- When replacing the front cover, each of the two retaining screws **must** be torqued to 0.6Nm ±0.1Nm

24vDC PCB

- Confirm the correct voltage is to be applied for the unit.
- Max termination size of 2.5mm² cable.
- +24v AC/DC applied to the "+" terminal, 0v applied to the "-" terminal.
- Loop-in, Loop-out connectivity.
- See Figure 1

Line Integrity on DC Systems

- Monitor via threshold, (applied voltage<1v) an end-of-line (E.O.L) resistor is required for line monitoring and should have a minimum resistance of 3k3 Ohms and 0.5 Watts, wire-wound or metal film type.

115 & 230vAC PCB

- Confirm the correct voltage is to be applied for the unit.
- Max termination size of 2.5mm² cable.
- Live applied to the "L" terminal, Neutral applied to the "N" terminal.
- See Figure 2
- Connectivity applies to both 115vAC & 230vAC units.

Figure 1

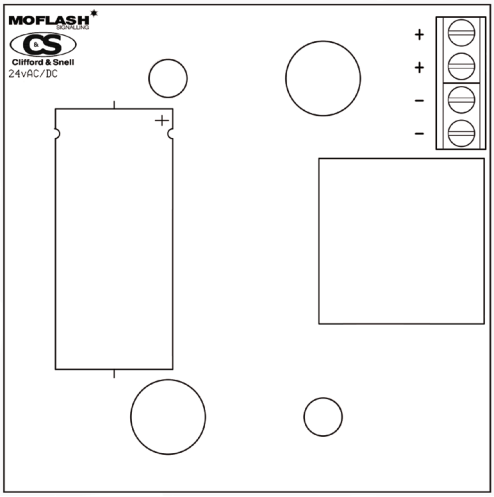
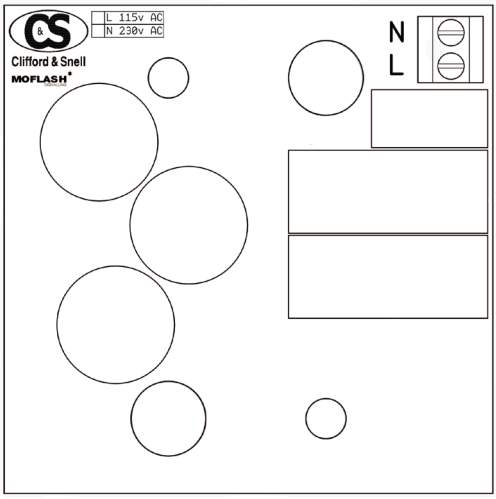


Figure 2



Features include:

- Termination: Upto 2.5mm² cable
- Flash Rate: 60 Flashes Per Minute (1Hz)
- Operating Temperature: -25°C to +70°C
- Enclosure Material: Fire Resistant UL94-5VB rated ABS
- Lens Material: Fire Resistant Polycarbonate
- Ingress Protection: Weatherproof to IP65
- AC Supply: 50/60Hz

Dimensional Drawing

Figure 3

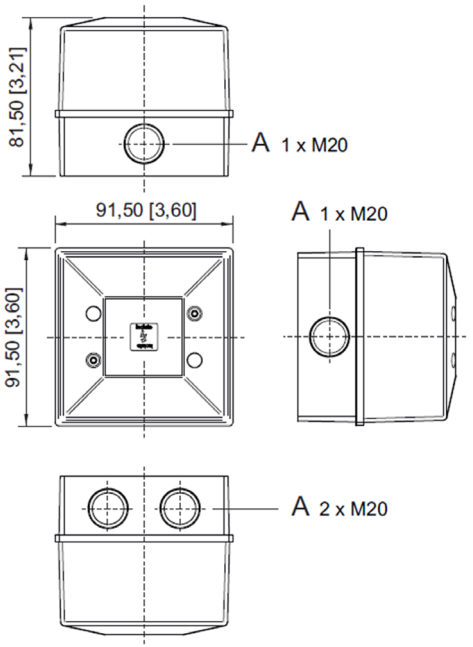
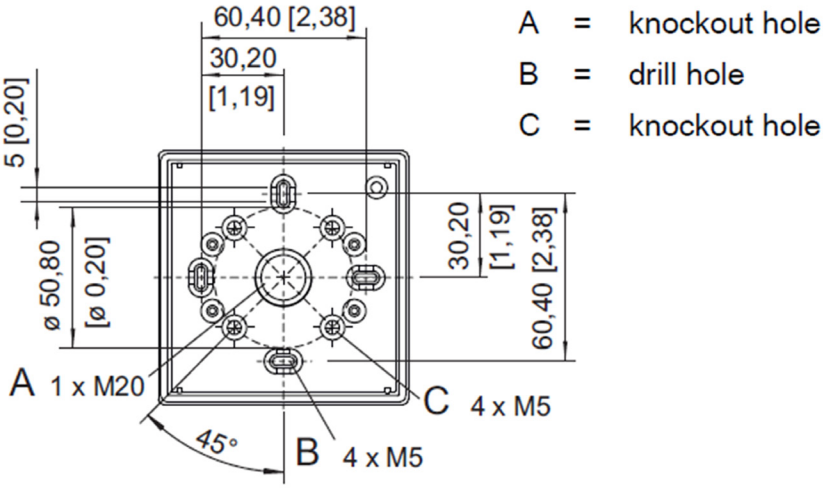


Figure 4



Additional resources, including installation sheet translations, certificates and DoCs are available from the www.moflash.co.uk website