Datasheet

Stock No. 0

RS PRO /v§yvyy

This Beacon is of the flashing mode type (single stage alarm) and is suitable for a wide range of

local signalling applications where a low cost and energy efficient solution is required.

Xenon Beacons (sometimes called strobes) are controlled via a PCB and put out a very brief but bright flash of white light by ionizing and then discharging a large current through the xenon gas.

The unit comes fully assembled ready for installation and has two mounting options, stud mount or surface mount using a two piece fixing plate (supplied) One plate is fixed to the appropriate surface, the other to the Beacon. The two plates then 'snap fit' together.

RS Part No:	Voltage:	Current Draw:
1879652 (Amber)	18-30vDC	40mA*
1879653 (Red)	18-30vDC	40mA*
1879654 (Amber)	10-100vDC & 20-72vAC	110mA*
1879651 (Red)	10-100vDC & 20-72vAC	110mA*
1879648 (Amber)	115 / 230vAC	100mA / 50mA
1879650 (Red)	115 / 230vAC	100mA / 50mA

*average running current at 24vDC

Installation Instructions

The Beacon is designed to comply with IP67 when correctly installed. To ensure a weatherproof installation, the Beacon must be fitted with the foam gasket (supplied) and mounted on a flat panel or surface. The panel or surface should be drilled to accept the supply wires and M4 studs as shown in Image 1.

NOTE: Access to the power supply wires must be prevented either by fitting a suitable sleeve or by means of a barrier.

1879652 & 1879653 Wiring Connections:

Connect the Red and Black wires to a suitable power source (18-30vDC) ensuring that the Red wire is connected to the positive terminal.

1879654 & 1879651 Wiring Connecions:

Connect the Red and Black wires to a suitable power source (10-100vDC or 20-72vAC) ensuring that the Red wire is connected to the positive terminal.

1879648 & 1879650 Wiring Connections:

Connect the Blue and Brown wires to a suitable power source (115 / 230vAC) ensuring that the Brown wire is connected to the Live terminal and the Blue wire is connected to the Neutral terminal.

Image 1

ø76mm
50mm
26mm
M4 x 13mm lg studs. Nuts and washers provided
2 Leads x 500mm lg
ø45mm

2 off Snap-fit Optional Fixing Plates supplied for Surface mounting
2 x slots 4 x 9mm
55mm
8mm thick Fixing Plate
Surface Mount Option