

X500 / X501 24 Joule Xenon Beacon



Moflash X500/501 Beacon Series

The X500/X501 range of xenon beacons has been designed for wider area signalling requirements or for applications with high ambient lighting.

The beacons have a flash rate of 60Hz (once per second) with an option for a double flash selected by either a slide switch on the X500 beacons, mounted on the PCB or a jumper link on the Auxiliary PCB for the X501 beacon.

To maintain the Ingress Protection of the enclosure always mount the beacon with the lens uppermost i.e. above the black base. Wiring into the beacon is either through the M20 conduit knockout on the side of the base, ensure the correct cable gland is fitted, or into the recess on the underside of the base housing a three way terminal block which accepts up to 2.5mm² cable

The beacons have an operating temperature range of -25c to +35c

The recommended Maximum rating time is 12 Hours 'ON' in any 24-hour period.

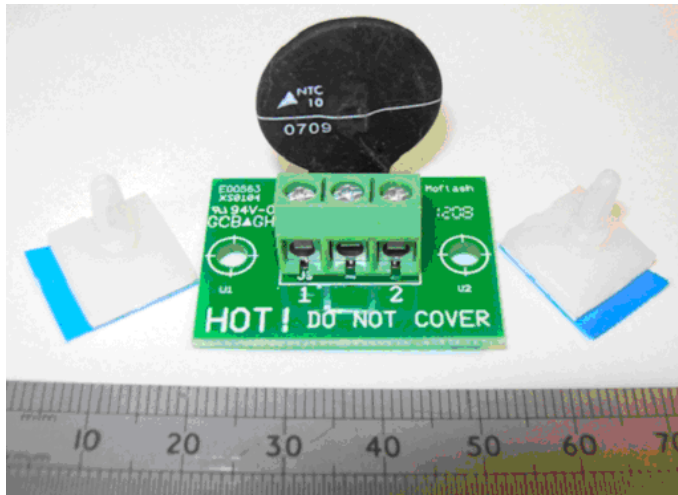
Voltage Range: X500-22	230v Ac 50Hz
X500-21	115v Ac 50Hz
X501-18	12/24v Dc *

- * The supply must be smoothed & rectified
- * The beacon is factory set at 24v Dc.
- * A slide switch mounted on the main PCB enables it to be used on a 12v Dc supply
- * The X501 is supplied, as standard with a Bilateral Current Limiter (Moflash Ref: XS0104). This must be used if the beacon is connected directly to batteries or used with a battery back up option.

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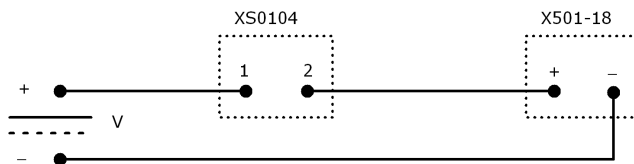
**Installation Instruction Sheet
X500 / X501 24 Joule Xenon Beacons**

XS0104 Bilateral Current Limiter



The XS0104 should be mounted at a convenient point within the power supply unit (or separate conduit box) using the self-adhesive pillars provided. The XS0104 runs HOT (100°C) in normal operation. Wiring should be positioned so that it does not come into contact with device.

Connection Diagram for XS0104



There will be a 3 second delay on the 24v Dc beacon (15 seconds at 12v Dc) between switching power to the beacon and it starting to flash.

Do not re-start the beacon within five minutes of switch 'OFF' to ensure the Current limiter is working at maximum capacity.

Related documents & resources

S00143 General Instructions for Hazard Warning Beacons.
http://www.moflash.co.uk/docs/installation_sheet.pdf

Web Page for X500/X501

http://www.moflash.co.uk/Moflash_Xenon_Range.htm#X501/500

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