

BSL125

BSL150



- Combined beacon and activation button fitted on mounting plate
- Xenon or LED light
- 4 Stages of alarm output

BSL125 / BSL150 series Ex status lights is designed according to ATEX and IECEx standards. This product certified for use and installation in Zone 1 and Zone 2 areas with gas groups IIA, IIB, IIC and temperature class T4-T6. It specially applies to Oil & Gas, Offshore Platforms, Chemical, Petrochemical, Refineries and Marine Industries.

The BARTEC range of Ex status lights can be configured for use as a combination of visual status lights using LED or Xenon beacons with the flexibility of adding junction boxes and manual call points. Three working status-flash, rotary and steady are available (LED Beacon & Light). Different flash or rotary rate can be adjusted. Working status type and flash/rotary rate are preset during installation. Junction box (BJB\*\*\*) or push button (BPB\*\*\*) can also be combined with BSL125 / BSL150 unit.

**Technical data**

Light source type	Xenon (5 J, 10 J, 15 J or 21 J) or LED (5 w or 10 W)				
Flash rate	1 Hz				
Power supply	DC 12/48 V or AC 100/240 V 50/60 Hz				
Power consumption	Xenon: 10 J: 15 W; 20 J: 25 W				
Working current consumption	Xenon: 10 J: 650 mA, 20 J: 1,4 A LED: 220 mA (max)				
Terminal	up to 2,5mm <sup>2</sup> cable				
Material	<table border="0"> <tr> <td>BSL125</td> <td>Enclosure: Stainless steel Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass</td> </tr> <tr> <td>BSL150</td> <td>Enclosure: UV and Corrosion Resistance GRP (anti static GRP Optional) Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass</td> </tr> </table>	BSL125	Enclosure: Stainless steel Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass	BSL150	Enclosure: UV and Corrosion Resistance GRP (anti static GRP Optional) Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass
BSL125	Enclosure: Stainless steel Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass				
BSL150	Enclosure: UV and Corrosion Resistance GRP (anti static GRP Optional) Mounting plate: Stainless steel Lens guard (optional): Stainless steel Lens cover: Tempered glass				

**Explosion protection**

Marking ATEX	Ex II 2 GD Ex d IIC T5 Gb
Certification	PRESAFE 14 ATEX 5393X
Marking IECEx	Ex tb IIIC T100°C
Certification	IECEx PRE 14.0051X

Cable Entry	3 x M20, 1 gland (COD: 9-16) and 2 plugs is standard																
Ambient temperature	-40 °C to +70 °C (-40 °C to +60 °C / T5 / T100 °C on standard label) -40 °F to +158 °F (-40 °F to +140 °F)																
Enclosure finish colour	Red (RAL 3001)																
Protection class	IP66																
Weight	<table border="0"> <tr> <td>BSL125-A</td> <td>10.2 kg (22.5 lbs)</td> </tr> <tr> <td>BSL125-B</td> <td>14.2-15.0 kg (33.1 lbs)</td> </tr> <tr> <td>BSL125-C</td> <td>19.1-20.0 kg (44.1 lbs)</td> </tr> <tr> <td>BSL125-D</td> <td>24.0-24.8 kg (54.7)</td> </tr> <tr> <td>BSL150-A</td> <td>8.9 kg (19.6 lbs)</td> </tr> <tr> <td>BSL150-B</td> <td>12.6-13.1 kg (28.9 lbs)</td> </tr> <tr> <td>BSL150-C</td> <td>16.9-17.4 kg (38.4 lbs)</td> </tr> <tr> <td>BSL150-D</td> <td>21.1-21.6 kg (47.6 lbs)</td> </tr> </table>	BSL125-A	10.2 kg (22.5 lbs)	BSL125-B	14.2-15.0 kg (33.1 lbs)	BSL125-C	19.1-20.0 kg (44.1 lbs)	BSL125-D	24.0-24.8 kg (54.7)	BSL150-A	8.9 kg (19.6 lbs)	BSL150-B	12.6-13.1 kg (28.9 lbs)	BSL150-C	16.9-17.4 kg (38.4 lbs)	BSL150-D	21.1-21.6 kg (47.6 lbs)
BSL125-A	10.2 kg (22.5 lbs)																
BSL125-B	14.2-15.0 kg (33.1 lbs)																
BSL125-C	19.1-20.0 kg (44.1 lbs)																
BSL125-D	24.0-24.8 kg (54.7)																
BSL150-A	8.9 kg (19.6 lbs)																
BSL150-B	12.6-13.1 kg (28.9 lbs)																
BSL150-C	16.9-17.4 kg (38.4 lbs)																
BSL150-D	21.1-21.6 kg (47.6 lbs)																
Dimensions	<table border="0"> <tr> <td>BSL***-A:</td> <td>400 mm x 185 mm x 199 mm (15.75 inch x 7.28 inch x 7.83 inch)</td> </tr> <tr> <td>BSL***-B:</td> <td>500 mm x 185 mm x 199 mm (19.69 inch x 7.28 inch x 7.83 inch)</td> </tr> <tr> <td>BSL***-C:</td> <td>650 mm x 185 mm x 199 mm (25.59 inch x 7.28 inch x 7.83 inch)</td> </tr> <tr> <td>BSL***-D:</td> <td>690 mm x 185 mm x 199 mm (27.17 inch x 7.28 inch x 7.83 inch)</td> </tr> </table>	BSL***-A:	400 mm x 185 mm x 199 mm (15.75 inch x 7.28 inch x 7.83 inch)	BSL***-B:	500 mm x 185 mm x 199 mm (19.69 inch x 7.28 inch x 7.83 inch)	BSL***-C:	650 mm x 185 mm x 199 mm (25.59 inch x 7.28 inch x 7.83 inch)	BSL***-D:	690 mm x 185 mm x 199 mm (27.17 inch x 7.28 inch x 7.83 inch)								
BSL***-A:	400 mm x 185 mm x 199 mm (15.75 inch x 7.28 inch x 7.83 inch)																
BSL***-B:	500 mm x 185 mm x 199 mm (19.69 inch x 7.28 inch x 7.83 inch)																
BSL***-C:	650 mm x 185 mm x 199 mm (25.59 inch x 7.28 inch x 7.83 inch)																
BSL***-D:	690 mm x 185 mm x 199 mm (27.17 inch x 7.28 inch x 7.83 inch)																

**Order code BSL**

Material	Combination type	Lens Colour	Xenon or LED	Power	Voltage	Cable entries	Finish	Telephone relay
125 - Stainless Steel	B3J - 2 beacons, 1 junction box	R - Red	X - Xenon	05 (5 W or 5 J)	AC	A - M20	RD - Red	Y - Yes
150 - GRP	C4J - 3 beacon, 1 junction box	Y - Yellow	L - LED	10 (10 W or 10 J)	DC		BK - Black	N - No
	D5J - 4 beacons and junction box	B - Blue		15 (15 J)				
	D5P - 4 beacons and push button	G - Green		21 (21 J)				
		C - Clear						