Introduction

Manufactured in GRP, with a high ingress protection and high light output, these status lamps have been designed for use in potentially explosive atmospheres and harsh environmental conditions such as those found offshore and onshore in the petrochemical industries.

A long life, high intensity, LED version is now available.

Features

- Zone 1 and Zone 2 use.
- Exe(m) II T3/T4.
- ATEX approved, Ex II 2G.
- IECEx certified Gb.
- Chinese (CQST) certified.
- IP66 and IP67.
- Certified temperature: –40°C to +55°C*.
- Corrosion resistant GRP.
- Up to 5 ways.
- Xenon, LED & Filament versions available.
- Various lamp colours.
- Lightweight.
- Retained stainless steel cover screws.

* Model Dependent.
Certification and Specification

Certification:
- Certified to: EN60079-0, EN60079-7, EN60079-18
- Cert. No. BAS02ATEX2108X
- Certified to: IEC 60079-0, IEC 60079-7, IEC 60079-18.
- IECEx Cert No. IECEx BAS 11.0105X
- Ex e IIC T3 Gb. Filament
- Ex e mb IIC T4 Gb. Xenon & LED
- Chinese (CQST) – Exe II T3, Filament
- Exe mb II T4, Xenon & LED.

Material:

Finish:
- Natural black or painted to customer specification.

Voltage:
d.c. – 12V, 24V, 48V.

Certified Temp:
- −40ºC to +55ºC (Filament & Xenon).
- −40ºC to +45ºC (LED).

Light Module:
- Up to 5 ways – Filament: 2 x 5W.
- Xenon: 1J (nominal).
- LED: Up to 400Cd.

Light Module Colours:
- Red, Amber, Yellow, Green, Blue or Clear.

Ingress Protection:
- IP66 and IP67.

Terminals:
- Filament: Max 12 x 4mm².
- Xenon: Max 16 x 2.5mm².
- LED: Max 16 x 2.5mm² or 4mm².

Labels:
- Optional stainless steel tag/duty label.

Current Consumption:

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>24V</th>
<th>48V</th>
</tr>
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<tbody>
<tr>
<td>Xenon</td>
<td>Current</td>
<td>120mA</td>
<td>95mA</td>
</tr>
<tr>
<td>LED</td>
<td>Current</td>
<td>130-180mA</td>
<td>70-90mA</td>
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Enteries:

<table>
<thead>
<tr>
<th>Size</th>
<th>Maximum Number</th>
<th>Entry Position</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Top</td>
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<tr>
<td>M16</td>
<td>2</td>
<td>Any</td>
</tr>
<tr>
<td>M20</td>
<td>2</td>
<td>Any</td>
</tr>
<tr>
<td>M25/M32</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Example: A two way Exe certified unit, with filament lamps coloured red top, blue bottom, rated 24V dc, with 2 x M20 bottom entries, finished in red would be our ref: SL5E1B0247B9BNR.