BE Enclosures

A range of environmentally sealed plastic enclosures suitable for internal and external applications where protection from dust and water are a central requirement to system performance. Designed for use with control switches and equipment, they are available with lids that have pre-moulded cut-outs to accept industry standard 22mm switches and bases with M20 threaded cut-outs to suit standard cable glands.
Size 1 Enclosure

**BEA01S - ABS**
**BEP01S - Polycarbonate**
- Dimensions: 80 x 72 x 53mm
- Slotted mounting holes, 66.2 x 58.8mm
- 2 x M20 threaded knock-outs suitable for use with M20 glands
- Option for single pre-drilled 22mm Ø hole in lid
- PCB mounting posts suitable for M3 self tapping screws
- ABS or Flame Retardant Polycarbonate material options
- Grey or black base
- Transparent, black, grey or yellow lid

Size 2 Enclosure

**BEA02S - ABS**
**BEP02S - Polycarbonate**
- Dimensions: 80 x 106 x 53mm
- Slotted mounting holes, 66.2 x 92.0mm
- 2 x M20 threaded knock-outs suitable for use with M20 glands
- Option for two pre-drilled 22mm Ø holes in lid
- PCB mounting posts suitable for M3 self tapping screws
- ABS or Flame Retardant Polycarbonate material options
- Grey or black base
- Transparent, black, grey or yellow lid
Size 3 Enclosure

BEA03S - ABS
BEP03S - Polycarbonate

- Dimensions: z 80 x 139 x 53mm
- Slotted mounting holes, 66.2 x 125mm
- 2 x M20 threaded knock-outs suitable for use with M20 glands
- Option for three pre-drilled 22mm Ø holes in lid
- PCB mounting posts suitable for M3 self tapping screws
- ABS or Flame Retardant Polycarbonate material options
- Grey or black base
- Transparent, black, grey or yellow lid

Accessories

Combifoot rail mounting accessory
- Easy snap fixing to enclosure
- Suitable for TS32 & TS35 rails
- Available in black or grey
- Part numbers:
  Grey - BE123456
  Black - BE123457

Wall mounting accessory
- Easy snap fixing to enclosure
- For easy access wall mounting
- Available in black or grey
- Part numbers:
  Grey - BE123458
  Black - BE123459

Cable glands
- For use in pre-moulded knock-outs
- M20 thread
- Cable range 3.5-8mm
- Supplied with gasket
- Available in black or grey
- Part numbers:
  Grey - BE123460
  Black - BE123461
BE Enclosures

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>BEAxxx</th>
<th>BEPxxx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealing</td>
<td>IP67</td>
<td>IP67</td>
</tr>
<tr>
<td>Material</td>
<td>ABS</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Flammability rating</td>
<td>UL94HB</td>
<td>UL94V-0</td>
</tr>
<tr>
<td>Gasket</td>
<td>TPE</td>
<td>TPE</td>
</tr>
<tr>
<td>Temperature rating</td>
<td>-20°C to +85°C</td>
<td>-20°C to +100°C</td>
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</table>

Features

- IP67 rated, dust and waterproof for short-term submersion to 1m depth
- Two materials, Polycarbonate - UL94V-0 rated or ABS - UL94HB rated
- Threaded M20 knock-outs, premoulded areas that can be pushed out for use with M20 size cable glands
- Plastic lid fixing screws, corrosion resistant
- Captive lid screws, standard on all lids
- Additional pre-drilled 22mm holes in the lid may be specified, suitable for standard switches and indicators
- PCB mounting, mounting posts and slots for PCB as standard
- Self tapping screw fixing, standard feature
- Transparent top cover, available in clear and smoke grey
- Accessories:
  - Wall mounting brackets
  - Combitfoot - TS32 & TS35 din rail mounting
  - M20 cable glands for use in knock-outs
- Registered design

Part No System

<table>
<thead>
<tr>
<th>Material</th>
<th>BEAxxx</th>
<th>BEPxxx</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = ABS - UL94HB</td>
<td>B = black</td>
<td>G = grey</td>
</tr>
<tr>
<td>P = Polycarb - UL94V-0</td>
<td>G = grey</td>
<td>Y = yellow</td>
</tr>
<tr>
<td>Size</td>
<td>BEA01S B T 1</td>
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<tr>
<td>01S = 80 x 72 x 53</td>
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</tr>
<tr>
<td>02S = 80 x 106 x 53</td>
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<td></td>
</tr>
<tr>
<td>03S = 80 x 139 x 53</td>
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<tr>
<td>Base Colour</td>
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</tr>
<tr>
<td>Lid Colour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 = no holes</td>
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<tr>
<td>1 = with hole(s)</td>
<td>(1 x 22mmØ Size 1, 2 x 22mmØ Size 2 &amp; 3 x 22mmØ Size 3 Enclosures)</td>
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