

7

ZP

ABS Plastic and Polycarbonate Enclosures

SX Range
1

BPG Range
2

BPGA Range
3

ZAG Range
4

High Voltage
5

Fire Rated
6

ZP Range
7

Specials
8

Technical
9

ABS Plastic and Polycarbonate Enclosures

The ABTECH ZP range of enclosures comprises of 19 different sizes which are injection moulded in either ABS plastic or polycarbonate material. There is also an option of a clear polycarbonate lid which can be fitted to either base.

The enclosures are lightweight yet extremely robust and offer good protection against both corrosion and oil based contamination. The enclosure shares the labyrinth seal arrangement which is common to both the ZAG and BPG ranges and can offer protection up to IP65.

Stainless steel captive quick release quarter turn screws are fitted as standard offering a quick yet reliable method of securing the lid. This can provide a considerable cost saving in assembly times with on-average savings of 2 minutes per enclosure over conventional screws. As an option conventional threaded screws may be fitted if required.



The ZP range is an extremely versatile enclosure with many uses and applications including junction boxes, instrument enclosures and a multitude of OEM applications. The addition of the clear lid makes the ZP range particularly suitable for housing instruments and indicators where a visual indication is required without the need for opening the enclosure.

The ZP range can be machined, drilled and tapped with various thread forms and can also be silk screen printed. The ZP range can be moulded in almost any colour subject to minimum quantities.



At our factories in England, Germany and the United States we have specialist machining centres for the ZP range of enclosure. These machines use the dedicated tooling and programming which is specific to the requirements of the material and reflect the increasing usage of this enclosure range, especially in small batch production.

Internal components are located via a series of moulded pillars which can be fitted with threaded inserts or alternatively can accept self tapping screws and these are used for the fitment of a component mounting plate or DIN standard terminal mounting rails such as TS 15, TS 32 or TS 35.

Earthing can be accomplished through various means. For example, an internal / external earth stud, which in turn can be connected to the terminal mounting rail or component plate can be used as well as various rail mounted earth terminals or proprietary earth bars which can be fitted inside the enclosure.

The mounting holes, although contained within the profile of the enclosure, sit outside the seal and all the external fasteners and fixings are manufactured from 316 grade stainless steel to ensure reliability. External stainless steel mounting feet are offered as an option.

Distributed by: OCEAN-1 MARINE PRODUCTS Ltd.
 Phone: 281.219.1762 Fax: 281.590.9366



7
ZP Range

