

Refer Fibox Catalogue

ABS

Features

- Protection to IP 67/66
- Good impact resistance
- Good resistance to chemical attack
- Excellent insulating properties
- Easy machining with standard tools
- Light weight

Technical data

Protection class	IP 67/66 (IEC 529)
Temperature range of material	-40 °C to +80 °C
Total insulation	
Impact resistance	IK07
Colour	Grey (RAL 7035)
Flame resistant	UL 94-HB
No. toxic products	Halogen free
Chemical resistance	Good
Material	ABS



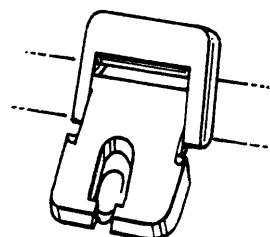
These high quality thermoplastic enclosures are suitable for applications where elegant looks, durability and light weight are important properties. At lower cost ABS is often the right material choice for less demanding environments indoors.

Complete enclosures - Euronorm type AB

Enclosure dimensions in mm (Nominal)					Enclosure	Mounting plates
W	x	H	x	D	Cat. No.	Cat. No.
50	x	65	x	45	AB 050705	TM 0507
80	x	82	x	65	AB 080807	TM 0808
80	x	120	x	55	AB 081206	TM 0812
80	x	160	x	65	AB 081607	TM 0816
80	x	160	x	95	AB 081610	TM 0816
120	x	122	x	95	AB 121210	TM 1212
120	x	160	x	90	AB 121609	TM 1216
120	x	200	x	75	AB 122008	TM 1220
160	x	250	x	90	AB 162509	TM 1625
160	x	250	x	125	AB 162513	TM 1625
230	x	300	x	110	AB 233011	TM 2330

Accessories

	Cat. No.
Hinge set	TH A
Draining plug	MB12189



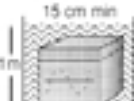
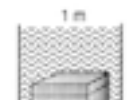
International protection class of enclosures is given in the form of a IP rating or classification.

A common example of an IP rating is IP 65, the first number (6) represents the protection against solid objects. The second number (5) represents the protection level against liquids.

To easily identify what IP rating any of our enclosures carry, look in the top left hand corner of the technical data sheet for each enclosure range.

Below you will find a table outlining how IP ratings are obtained.

The IP scale

First Number Protection against solid objects			Second Number Protection against liquids		
IP		TEST	IP		TEST
0		no protection	0		no protection
1		protected against solid objects up to 50 mm. eg. accidental touch by hands.	1		protected against vertical falling drops of water.
2		protected against solid objects up to 12 mm eg. fingers.	2		protected against direct sprays of water up to 15° from the vertical..
3		protected against solid objects over 2.5 mm (tools + small wires).	3		protected against spray to 60° from the vertical.
4		protected against solid objects over 1 mm (tools + small wires).	4		protected against water sprayed from all directions - limited ingress permitted.
5		protected against dust - limited ingress permitted (no harmful deposit)	5		protected against low pressure jets of water from all directions - limited ingress permitted.
6		totally protected against dust.	6		protected against strong jets of water eg. for use on shipdecks - limited ingress permitted.
			7		protected against the affects of immersion between 15 cm and 1 m.
			8		protected against long periods of immersion under pressure.