

IBX Instrument Cases

Portable versions (Type B) accept a strong tilt and swivel carrying handle which is ordered separately.

The handle provides a comfortable carrying facility and tilt mechanism with increments of 30°. The aluminium cross-bar also incorporates a label recess. IBX Cases are strong, easily assembled enclosures which provide facilities for circuit boards, power supplies, interconnections, controls and displays.

Four individual sizes are available in heights from 25mm to 100mm. The three largest sizes are suitable for either desktop or portable applications.

Contents of kit

Description	Qty.	Material/Finish
Type A IBX		
Top cover	1	ABS,light grey BS4800 00A01
Base cover	1	ABS,light grey BS4800 00A01
Infills (except 25mm)	2	ABS,light grey BS4800 00A01
Assembly screws	4	
Feet mouldings	4	mid grey BS4800 00A05
Rubber feet inserts	4	
PCB mounting clips	4	Nylon 66
Handle cross bar		Anodised aluminium

ABS Material specification

Temp. range	-40°C to + 80°C
Flame class ratings	UL94-HB

Type B IBX (No size 1 version) As above but including:

Side infills drilled for carry handle

Note:Order front panels separately – please refer to page 18..

TYPE A IBX CASES

Ordering information

Size	Dimensions			Int. height	A		B	Order code
	H	W	D		A	B		
1	25	275	250	19	14,3	263,8	500-54501	
2	50	275	250	44	39,3	263,8	500-54502	
3	75	275	250	69	64,3	263,8	500-54503	
4	100	275	250	94	89,3	263,8	500-54504	

TYPE B IBX CASES (FOR USE WITH CARRY HANDLE)

Ordering information

Size	Dimensions			Int. height	Case		Case Order code	Carry handle Order code
	H	W	D		A	B		
2	50	275	250	44	39,3	263,5	500-54750	-
3	75	275	250	69	64,3	263,5	500-54751	500-54505
4	100	275	250	94	89,3	263,5	500-54752	-

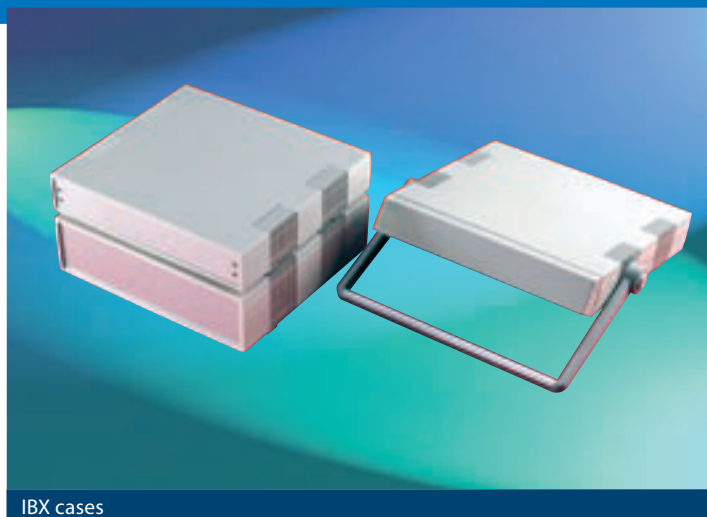
TILT AND SWIVEL CARRY HANDLE

This is a robust handle, ideal for portable applications, providing a comfortable carrying facility and tilt mechanism with increments of 30°. The aluminium cross-bar also incorporates a label recess.

Each handle is supplied fully assembled and is easily attached to the case.

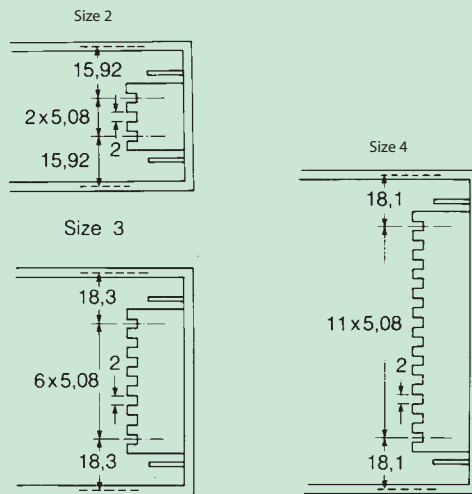
Please order Type B IBX cases when a carrying handle is to be used. These include side infills which have been pre-drilled to accept the handle mounting screws.

The carry handle will support a maximum load of 200N.

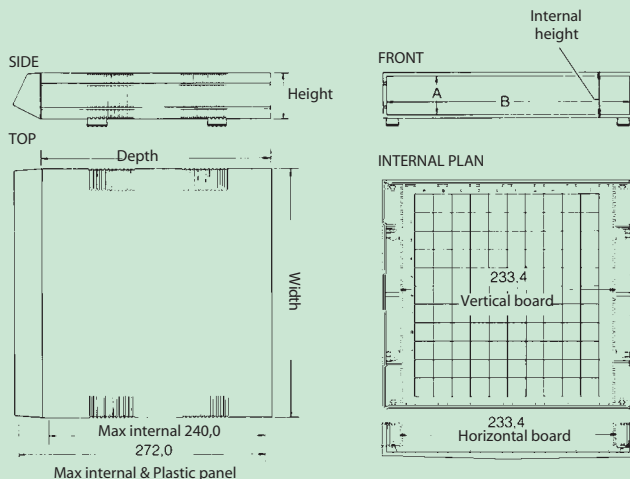


IBX cases

BOARD MOUNTING POSITIONS (HORIZONTAL)



DIMENSIONAL DETAILS



IBX Instrument Cases

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Horizontal and vertical PCB guides are incorporated in the side infill mouldings; the horizontal guides being suitable for 6U Eurocards of either 160 or 220mm depths.

Four self-adhesive PCB mounting clips are supplied with each case. These may be positioned accurately using the reference grid which appears on both the top and base mouldings.

A range of plastic sloping front panels and captured or screw-on anodised aluminium panels are available as accessories.

Each IBX case is supplied with four moulded non-slip feet which allow units to be safely stacked on each other.

CONSTRUCTION

IBX mouldings are manufactured in a durable high quality ABS material.

Top and base mouldings are separated by side infills which give four different heights.

Four assembly screws pass through the feet, base panel and infills and secure to inserts in the top panel.

The three largest sizes are available with their infill mouldings pre-drilled to allow fitting of a carrying handle, (Type B).

