

Email: sales@allbro.uk.com

## Allbrox® The most advanced range of industrial enclosures in the world



Material SMC (Sheet Moulding Compound), PC for window		ر س	
Operating Temperature	-50° C to + 200° C	sure	
Glow Wire Capability / Flammability	960° / UL94 V0	Enclosures	
Expected UV Life (Direct Exposure)			
IP Level	IP66		
IK Level	IK10		
Security Level	1 2 3 4	Hinges	
* PLEASE NOTE: - Allbrox® is not suitable to install on back (Face Up) - Allbrox® 3-6D must be installed in portrait orientation ONLY.			
		Locks	
ALLI	ALLBROX 8 PORTRAIT	Handles	
ALLBROX 6 DEEP			
ALLBROX 4 DEEP ALLBROX 4 ALLBROX 4			
		Insulators	
	* ALL SIZES AVAILABLE IN ORANGE (NOTE: ORANGE IS NOT COATED)	Transformer Equipment	
		lex	

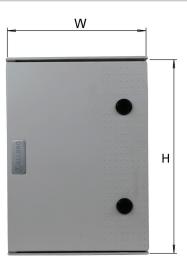
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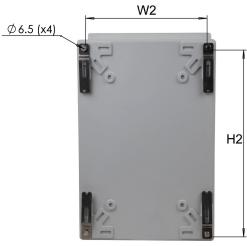


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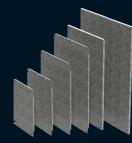




Part Number (Grey)	Part Number (Orange)	Description	H (mm)	W (mm)	D (mm)	W1 (mm)	H1 (mm)
ALL-003	ALL-003/O	Allbrox 3 with SMC Device plate	350	250	200	212	317
ALL-004	ALL-004/O	Allbrox 4 with SMC Device plate	400	300	200	262	364
ALL-004/D	ALL-004/D/O	Allbrox 4 Deep with SMC Device plate	400	300	273	262	364
ALL-005	ALL-005/O	Allbrox 5 with SMC Device plate	500	350	200	312	467
ALL-006	ALL-006/O	Allbrox 6 with SMC Device plate	600	400	200	362	567
ALL-006/D	ALL-006/D/O	Allbrox 6 Deep with SMC Device plate	600	400	250	362	567
ALL-006_5-L	ALL-006_5-L/O	Allbrox 6.5 Landscape with SMC Device plate	500	700	246	619	419
ALL-006_5-P	ALL-006_5-P/O	Allbrox 6.5 Portrait with SMC Device plate	700	500	246	419	619
ALL-007_1-P	ALL-007_1-P/O	Allbrox 7.1 Portrait with SMC Device plate	828	710	287	634	754
ALL-007_1-L	ALL-007_1-L/O	Allbrox 7.1 Landscape with SMC Device plate	710	828	287	754	634
ALL-008-P	ALL-008-P/O	Allbrox 8 Portrait with SMC Device plate	1000	800	320	710	910
ALL-008-L	ALL-008-L/O	Allbrox 8 Landscape SMC Device plate	800	1000	320	910	710

## Allbrox Galvanised Steel Device Plate

Part Number	Description	H (mm)	W (mm)	Thickness
ALL-M/SMPLATE-3	ALL Mounting Steel Plate No.3	311	238	1.6
ALL-M/SMPLATE-4	ALL Mounting Steel Plate No.4	361	288	1.6
ALL-M/SMPLATE-5	ALL Mounting Steel Plate No.5	461	338	1.6
ALL-M/SMPLATE-6	ALL Mounting Steel Plate No.6	554	380	1.6
ALL-M/SMPLATE-6_5	ALL Mounting Steel Plate No.6_5	590,7	390,7	2
ALL-M/SMPLATE-7	ALL Mounting Steel Plate No.7	605	532,7	2



Enclosures

Hinges

Handles

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Enclosures

Hinges

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Handles

Accessories

Rotary Operating Handles

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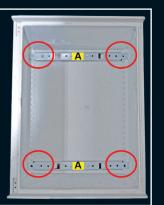


#### Allbrox<sup>®</sup> Distribution Board Kit

Part Number	Description	No. of Rows	MCB's Per Row	No. of Neutral Bars	No. of Earth Bars
ALL-004/DBK-A	Allbrox 4 Distribution Board Kit Assembled	2	10	2x (14 way)	2x (12 way)
ALL-005/DBK-A	Allbrox 5 Distribution Board Kit Assembled	3	13	4x (14 way)	4x (12 way)
ALL-006/DBK-A	Allbrox 6 Distribution Board Kit Assembled	4	15	5x (15 way)	2x (18 way) + 2x (12 way)

#### Allbrox® Distribution Board Kit Assembly

1) Remove device plate from the base. Leave the 4 x M6 nuts in place for fixing the mounting rails in place.Fit mounting rails (A) as shown using the  $4 \times M6$ x 12 CH EG screws and M6 washers. Ensure that the bigger space between the hole and end of the mounting rail is fitted toward the hinge side of the box

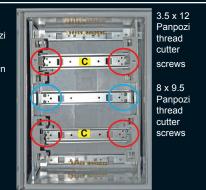


2) Fit the steel side plates with the plastic supports (B) onto the mounting rails (A) using the 4 x M6 x 12CH EG screws and M6 washers as shown.



3) Fit the steel din rails (C), for

breakers, into the plastic sup-ports using 2 x 3.5 x 12 Panpozi thread cutter screws on each end as shown. Fit the steel din rail, for neutral bar, upside down using  $2 \times 8 \times 9.5$  thread cutter screws on each end as shown.







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## **Allbrox® Accessories/ Kits**

## ALLBROX® 4-6

#### **Inner Doors**



#### Allbrox® Inner Door

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Part Number	Description
ALL-004/IN/DOOR	Allbrox 4 Inner Door
ALL-005/IN/DOOR	Allbrox 5 Inner Door
ALL-006/IN/DOOR	Allbrox 6 Inner Door

#### Allbrox ®Inner Door Fitting Options

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SECTION A-A SCALE 1 : 6

### Allbrox® with PC Window

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-16

SECTION B-B SCALE 1:6

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1) To remove or place the inner door in an Allbrox® simply pull the two hinge pins as indicated towards

each other.

Part Number	Description
ALL-003/CLEARPC	Allbrox 3 with clear Polycarbonate window
ALL-004/CLEARPC	Allbrox 4 with clear Polycarbonate window
ALL-005/CLEARPC	Allbrox 5 with clear Polycarbonate window
ALL-006/CLEARPC	Allbrox 6 with clear Polycarbonate window

520

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2.1) To remove the door, complete step 1 and pull the inner door towards yourself.

2.2) To place the inner door into the Allbrox® complete step 1 and let the hinge pins go once the

pins are in-line with the hinge sleeve.

SECTION C-C SCALE 1:6



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Accessories

nsulators

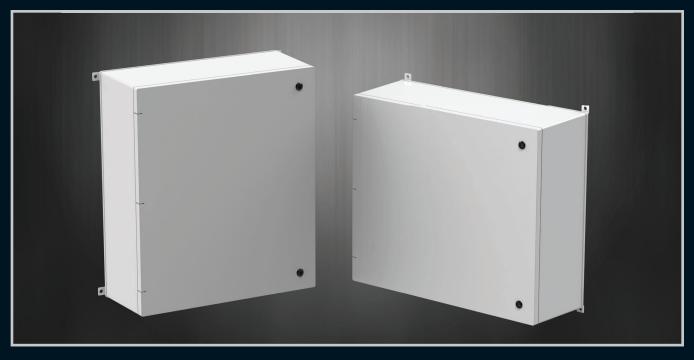


\* Please note that the construction of the 6.5 and 7.1 sizes differs from the smaller sizes (3-6D)

### ALLBROX® 6.5



ALLBROX® 7.1









Door locator

Extra strength lid

Easily Removable door

Enclosures

Hinges

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Rotary Operating Handles

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## Application images of Allbrox®

# **ALLBRO**







**Residential PV Solar** Combiner





Communications





Wireless Communications



for PV systems



ndex