

SHELL-TYPE CASES

- Home Page
- E-Mail Us
- Get a Catalog
- Catalog PDF
- Get Free Sample
- Get a Drawing
- Get a Price
- Get a Quote
- Customizing
- RFI/EMI Shielding
- Material Specs
- Color Chart
- IP Ratings
- UL 94 Fire Class
- Ordering Info
- Distributors

800 965 9872

412 220 9247

FEATURES:

- Extensive range of instrument enclosures
- Fifty one models in three different types:
- Type V - with open front for a panel
- Type O - with open front & rear for panels
- Type G - with closed front and rear
- Robust construction with tongue & groove
- Seven models with recessed top (R)
- Battery compartments for 1.5V AA & 9V cells
- Internal screw pillars for PCBs etc.
- These cases can be ordered with RFI shielding
- Easy assembly with self-tapping screws

MATERIAL:

- ABS (UL 94 HB)

PROTECTION CLASS:

- IP 65 (with sealing kit) - Type G without battery compartment only
- <IP 40 (not rated) - All other models

STANDARD COLORS:

- Off-white, RAL 9002

ACCESSORIES:

- Aluminum front panels
- Red PVC front panels
- Battery contacts
- Non-slip feet
- Wall mounting kits
- IP 65 sealing kit
- RFI contact strips

APPLICATIONS:

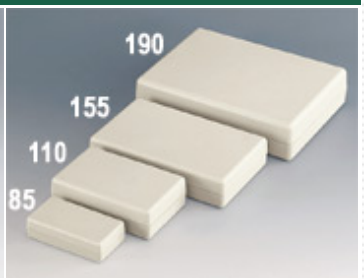
- Measuring and control technology. Medical, wellness and laboratory technology, peripheral devices and interfaces, switchboxes etc.

Switch To Metric Dimensions

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Versatile Enclosures



Four Plan Sizes



Type V



Type O



Type G



Type G with Keypad Recess



Type G - IP 65 Sealing Kit



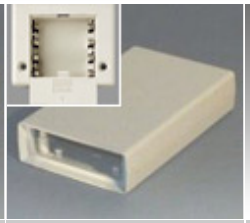
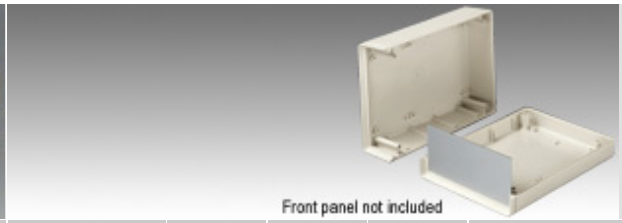
Accessories



Three Types of Battery Compartment

SHELL-TYPE V

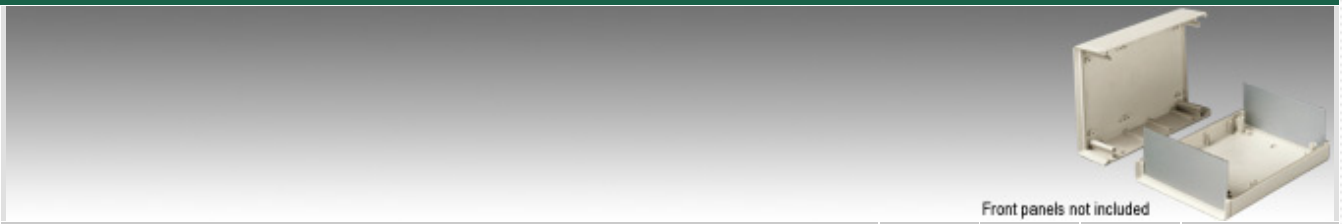


Part # No Battery Compartment		Part # Battery Compt 1x9V*		Part # Battery Compt 2xAA* or 1x9V*		Part # Battery Compt 4xAA** or 2x9V*		Type	L	W	H	Metric Drawings	
A9404333	$							V85	3.346"	1.772"	0.866"	PDF	DWG
A9406333	$							V110	4.488"	2.835"	1.299"	PDF	
		A9406334	$					V110	4.488"	2.835"	1.299"	PDF	
A9406343	$							V110	4.488"	2.835"	1.772"	PDF	
		A9406344	$					V110	4.488"	2.835"	1.772"	PDF	
A9406443	$							V110	4.488"	2.835"	2.244"	PDF	
A9408333	$							V155	6.220"	3.740"	1.299"	PDF	
				A9408336	$			V155	6.220"	3.740"	1.299"	PDF	
						A9408338	$	V155	6.220"	3.740"	1.299"	PDF	
A9408343	$							V155	6.220"	3.740"	1.772"	PDF	
				A9408346	$			V155	6.220"	3.740"	1.772"	PDF	
						A9408348	$	V155	6.220"	3.740"	1.772"	PDF	
A9408443	$							V155	6.220"	3.740"	2.244"	PDF	
A9413333	$							V190	7.480"	5.433"	1.772"	PDF	
						A9413338	$	V190	7.480"	5.433"	1.772"	PDF	
A9413343	$							V190	7.480"	5.433"	2.677"	PDF	
						A9413348	$	V190	7.480"	5.433"	2.677"	PDF	
A9413443	$							V190	7.480"	5.433"	3.583"	PDF	

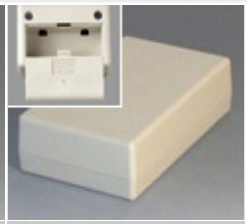
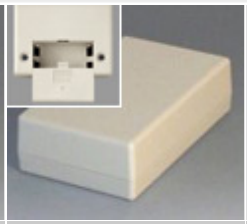
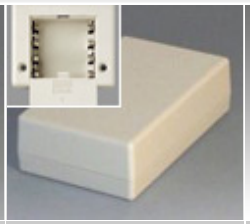
Notes:
* - Order battery contacts separately
** - Battery contacts supplied with case for this option

SHELL-TYPE O

Part # No Battery Compartment		Type	L	W	H	Metric Drawings	
A9408330	$	O155	6.220"	3.740"	1.299"	PDF	DWG
A9408340	$	O155	6.220"	3.740"	1.772"	PDF	
A9408440	$	O155	6.220"	3.740"	2.244"	PDF	
A9413330	$	O190	7.480"	5.433"	1.772"	PDF	
A9413340	$	O190	7.480"	5.433"	2.677"	PDF	
A9413440	$	O190	7.480"	5.433"	3.583"	PDF	

SHELL-TYPE G

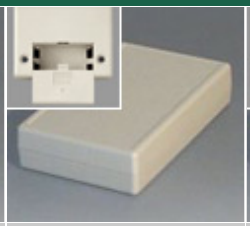
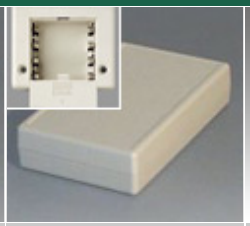






Part # No Battery Compartment	Part # Battery Compt 1x9V*	Part # Battery Compt 2xAA* or 1x9V*	Part # Battery Compt 4xAA** or 2x9V*	Type	L	W	H	Metric Drawings	
A9404331 $				G85	3.346"	1.772"	0.866"	PDF	DWG
A9404341 $				G85	3.346"	1.772"	1.299"	PDF	
A9404441 $				G85	3.346"	1.772"	1.772"	PDF	
A9406331 $				G110	4.488"	2.835"	1.299"	PDF	
	A9406332 $			G110	4.488"	2.835"	1.299"	PDF	
A9406341 $				G110	4.488"	2.835"	1.772"	PDF	
	A9406342 $			G110	4.488"	2.835"	1.772"	PDF	
A9406441 $				G110	4.488"	2.835"	2.244"	PDF	
A9408331 $				G155	6.220"	3.740"	1.299"	PDF	
		A9408335 $		G155	6.220"	3.740"	1.299"	PDF	
			A9408337 $	G155	6.220"	3.740"	1.299"	PDF	
A9408341 $				G155	6.220"	3.740"	1.772"	PDF	
		A9408345 $		G155	6.220"	3.740"	1.772"	PDF	
			A9408347 $	G155	6.220"	3.740"	1.772"	PDF	
A9408441 $				G155	6.220"	3.740"	2.244"	PDF	
A9413331 $				G190	7.480"	5.433"	1.772"	PDF	
			A9413337 $	G190	7.480"	5.433"	1.772"	PDF	
A9413341 $				G190	7.480"	5.433"	2.677"	PDF	
			A9413347 $	G190	7.480"	5.433"	2.677"	PDF	
A9413441 $				G190	7.480"	5.433"	3.583"	PDF	

Notes:
* - Order battery contacts separately
** - Battery contacts supplied with case for this option

SHELL-TYPE G - WITH KEYPAD RECESS IN TOP




Part # No Battery Compartment	Part # Battery Compt 1x9V*	Part # Battery Compt 2xAA* or 1x9V*	Part # Battery Compt 4xAA** or 2x9V*	Type	L	W	H	Metric Drawings	
A9406351 $				G110R	4.488"	2.835"	1.319"	PDF	DWG
	A9406352 $			G110R	4.488"	2.835"	1.319"	PDF	
A9408351 $				G155R	6.220	3.740"	1.319"	PDF	
		A9408355 $		G155R	6.220	3.740"	1.319"	PDF	
			A9408357 $	G155R	6.220	3.740"	1.319"	PDF	
A9413351 $				G190R	7.480"	5.433"	1.791"	PDF	
			A9413357 $	G190R	7.480"	5.433"	1.791"	PDF	

Notes:
* - Order battery contacts separately
** - Battery contacts supplied with case for this option

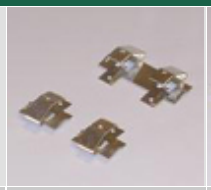
FRONT PANELS

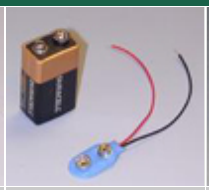




For case Part No.	Part # Aluminum Front Panel		Part # Red PVC Front Panel		W	H	T	Metric Drawings	
A940433.	A9104111	$	A9104113	$	1.398"	0.567"	0.039"	PDF	DWG
A940633.	A9107111	$	A9106113	$	2.315"	1.000"	0.039"		
A940634.	A9107121	$	A9106123	$	2.315"	1.472"	0.039"	PDF	
A940644.	A9107221	$	A9106223	$	2.315"	1.945"	0.039"		
A940833.	A9109111	$	A9108113	$	3.209"	0.929"	0.039"		
A940834.	A9109121	$	A9108123	$	3.209"	1.402"	0.039"	PDF	
A940844.	A9109221	$	A9108223	$	3.209"	1.874"	0.039"		
A941333.	A9114111	$	A9113113	$	4.890"	1.323"	0.059"		
A941334.	A9114121	$	A9113123	$	4.890"	2.228"	0.059"	PDF	
A941344.	A9114221	$	A9113223	$	4.890"	3.134"	0.059"		

BATTERY CONTACTS






For..	Part # Contacts Kit 2 x 1.5V AA		Part # Contacts Kit 4 x 1.5V AA		Part # Contact 1 x 9V		Part # AA Battery Spacer*	
V110, G110 & G110R with battery compartment option					A9160003	$		
V155, G155 & G155R with battery compartment option	A9194001	$	Supplied*		A9160003	$	A9250250	$
V190, G190 & G190R with battery compartment option			Supplied*		A9160003	$		

Notes:
* 4 x AA Battery contacts - These are supplied pre-fitted to cases with a 4 x AA or 2 x 9V battery compartment
* Battery Spacer - Required when fitting AA cells. The spacer reduces the extra height needed to accomodate 9V cells

ACCESSORIES








For..	Part # Non-Slip Feet Ø6.5x2mm (2 Pieces)		Part # Non-Slip Feet Ø10x3mm (2 Pieces)		Part # IP65 Sealing Gasket Kit*		Part # Wall Mounting Brackets (4 Pieces)		Part # Wall Mounting Frames Kit*		Part # RFI Contact Strip* (1 Piece)	
V85	A9207150	$									A9104073	$
G85	A9207150	$			A9104250	$					A9104073	$
V110	A9207150	$					A9204108	$	B1350048	$	A9106095	$
G110 & G110R	A9207150	$			A9106352	$	A9204108	$	B1350048	$	A9106095	$
V155			A9210290	$			A9204108	$	B1360048	$	A9108120	$
O155			A9210290	$			A9204108	$	B1360048	$	A9108120	$
G155 & G155			A9210290	$	A9108486	$	A9204108	$	B1360048	$	A9108120	$

V190		A9210290	$			A9204108	$	B1360048	$	A9113150	$
O190		A9210290	$			A9204108	$	B1360048	$	A9113150	$
G190 & G190R		A9210290	$	A9113630	$	A9204108	$	B1360048	$	A9113150	$

Notes:
* Sealing Kit - Only suitable for Type G cases without battery compartment
* Wall Mounting Frames - Only suitable for cases without a battery compartment
* EMC Contact Strips - Suitable only for Shell-Types cases which have been specially ordered with RFI/EMI shielding

PCB MOUNTING SCREWS

		
For..	Part # PCB Screw Ø3 x 6mm *	Part # PCB Screw Ø3 x 8mm *
All Models	A0306031 $	A0308031 $

Notes:
* Self-tapping 'Plastite' screws - for mounting PCBs and components to the internal screw pillars
* Select the screw length to suit the thickness of the PCB/component being fitted

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