



THE DATASHEET OF
R251-080-120



Path: [Home](#) > [Enclosure Index](#) > Extruded Aluminum - Mobile



(click to enlarge)

**Diecast End Plates Attached
 (Assembled View)**



(click to enlarge)

**Example Application
 (Assembled View)**



(click to enlarge)

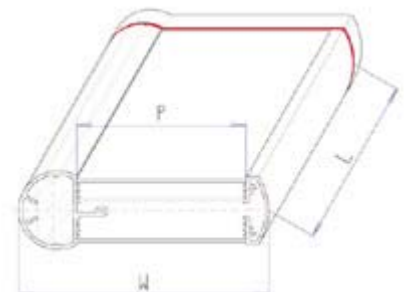
**With P.C. Board Mounted
 (Two piece version)**

Key Features:

- Modern and ergonomic design
- Designed to house P.C. boards (not included) or equipment for mobile use
- Sized for standard Eurocards
- P.C. boards mount horizontally by sliding into internal slots extruded into the enclosure body
- Internal height 1.06" (27mm)
- Rugged body constructed from extruded aluminum with diecast aluminum ends
- Silver anodized finish
- Choice of two versions - one piece closed or two piece "clam shell"
- One piece version is rated to IP 65 (with gasketed end plates below)
- Two piece version is rated to IP 54 (with gasketed end plates below)










- Two piece version - R251 series (top)
- One piece version - R250 series (bottom)



(click to enlarge)

(click to enlarge)

Aluminum Extrusion						
Part Number	Version	 Reader File	Units	Length L	Width W	Profile Width P
R250-080-120	One Piece	 71K	Inches	4.72	4.65	3.15
R251-080-120	Two Piece		mm	120	118	80
R250-080-160	One Piece	 71K	Inches	6.30	4.65	3.15
R251-080-160	Two Piece		mm	160	118	80
R250-100-160	One Piece	 67K	Inches	6.30	5.43	3.94
R251-100-160	Two Piece		mm	160	138	100
R250-100-200	One Piece	 67K	Inches	7.87	5.43	3.94
R251-100-200	Two Piece		mm	200	138	100
R250-130-180	One Piece	 69K	Inches	7.09	6.61	5.12
R251-130-180	Two Piece		mm	180	168	130
R250-130-240	One Piece	 69K	Inches	9.45	6.61	5.12
R251-130-240	Two Piece		mm	240	168	130

Accessories:



(click to enlarge)
Flat Style



(click to enlarge)
Flat Style (Top)
Collar Style (Bottom)



(click to enlarge)
Collar Style

Cover Plates & Gasket			
Part Number	Style	Use With	Use With Aluminum Extrusion Part Number
R580-080-000	Flat	1 piece extrusion	R250-080-120 or R250-080-160
R580-100-000	Flat	1 piece extrusion	R250-100-160 or R250-100-200
R580-130-000	Flat	1 piece extrusion	R250-130-180 or R250-130-240
R586-080-000	Flat	2 piece extrusion	R251-080-120 or R251-080-160

R586-100-000	Flat	2 piece extrusion	R251-100-160 or R251-100-200
R586-130-000	Flat	2 piece extrusion	R251-130-180 or R251-130-240
R581-080-000	Collar	1 piece extrusion	R250-080-120 or R250-080-160
R581-100-000	Collar	1 piece extrusion	R250-100-160 or R250-100-200
R581-130-000	Collar	1 piece extrusion	R250-130-180 or R250-130-240
R587-080-000	Collar	2 piece extrusion	R251-080-120 or R251-080-160
R587-100-000	Collar	2 piece extrusion	R251-100-160 or R251-100-200
R587-130-000	Collar	2 piece extrusion	R251-130-180 or R251-130-240

- Choose either Flat or Collar (used for accepting cables or batteries) style end plates
- Heavy duty diecast aluminum
- Painted with textured black powder paint (RAL 9005)
- Includes cover plates, thermoplastic black gaskets and mounting hardware
- Sold in Pairs



(click to enlarge)

Variable Plate In Use



(click to enlarge)

Variable Style

Variable Cover Plates & Gasket		
Part Number	Style	Used To Join Aluminum Extrusion Series
R588-080-080	Variable	R250-080 or R251-080 <i>TO</i> R250-080 or R251-080
R588-080-100	Variable	R250-080 or R251-080 <i>TO</i> R250-100 or R251-100
R588-080-130	Variable	R250-080 or R251-080 <i>TO</i> R250-130 or R251-130
R588-100-100	Variable	R250-100 or R251-100 <i>TO</i> R250-100 or R251-100
R588-100-130	Variable	R250-100 or R251-100 <i>TO</i> R250-130 or R251-130
R588-130-130	Variable	R250-130 or R251-130 <i>TO</i> R250-130 or R251-130

- Heavy duty diecast aluminum
- Painted with textured black powder paint (RAL 9005)
- Includes cover plates, thermoplastic black gaskets and mounting hardware
- Sold in set to connect two extrusions side by side



(click to enlarge)

Assembled View



(click to enlarge)

Shoulder Strap & Protective Caps

Shoulder Strap & Protective Caps	
Part Number	Use With Aluminum Extrusion Part Number
R583-080-000	R250-080-120 or R251-080-120 or R250-080-160 or R251-080-160
R583-100-000	R250-100-160 or R251-100-160 or R250-100-200 or R251-100-200
R583-130-000	R250-130-180 or R251-130-180 or R250-130-240 or R251-130-240

- Allows unit to be used in rough surroundings, indoors or out
- Nylon straps & TPE shoulder pad and end caps
- Enclosure not included



(click to enlarge)

Cable Gland & Battery Kits



(click to enlarge)

Battery Kits

Cable Gland & Battery Kits	
Part Number	Use With Aluminum Extrusion Part Number
R584-002-000	Two Battery Holder (AA Size)
R584-004-000	Four Battery Holder (AA Size)

Exactly what you are looking for???

Link to our stocking distributors - most have "on-line" pricing, stock check and ordering!!!

Our Distributors

[Order from your favorite distributor](#)



[Home](#) | [Products](#) | [Distributors](#) | [Technical](#) | [Contact Us](#) | [Other Options](#)

Copyright; © 2005-2010 Hammond Mfg Co Inc

URL: <http://www.hammondmfg.com>

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View R251-080-120 on WIN SOURCE](#)
-  [Hammond Manufacturing Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management