



# General Purpose Enclosures



## Polynova PN Hinged Non-Metallic Enclosure System

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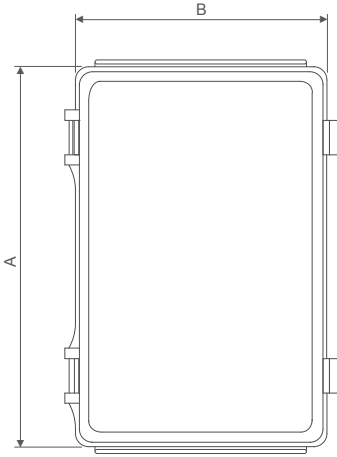
### Web Links

[Polynova PN Information Page](#)

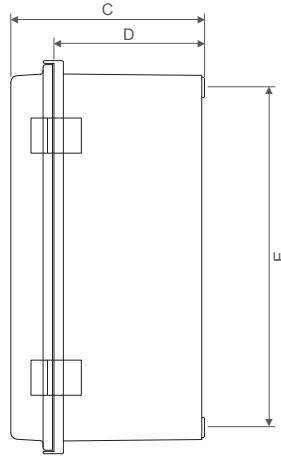
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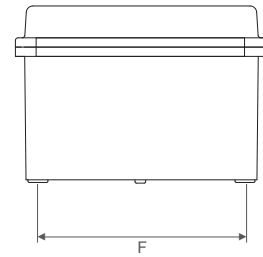
[Local Sales Team Phone Numbers](#)



Front View



Side View



Bottom View

Catalogue No.		Dimensions (mm)					
		External				Mounting Centres	
Opaque	Transparent	A	B	C	D	E	F
PN131007	PN131007T	130	100	70	50	92	62
PN151007	PN151007T	150	100	70	50	112	62
PN201007	PN201007T	200	100	70	50	163	62
PN151509*	PN151509T*	152	152	90	70	121	121
PN192910*	PN192910T*	190	290	100	70	156	253
PN312013	PN312013T	308	203	132	102	203	154
PN352515*	PN352515T*	370	270	150	120	330	230
PN362515	PN362515T	356	250	150	120	330	230
PN392916*	PN392916T*	400	300	160	130	360	265
PN453516	PN453516T	405	350	160	130	402	302
PN303018*	PN303018T*	330	330	180	149	280	280
PN463520*	PN463520T*	490	370	200	169	442	324
PN504020	PN504020T	500	400	200	170	454	354
PN534320	PN534320T	530	430	200	170	457	357
PN605025#	PN605025T#	635	535	250	220	577	477
PN705025#	PN705025T#	735	535	250	220	677	477

\* To be discontinued

# Enclosures supplied with metal mounting pan as standard



# Polynova PN

## Hinged Non-metallic Enclosure System – IP66

brenclosures.com.au/pn.htm



### Features

- Hinged and latched lid for easy access with no tools required
- Mounting feet included for easy installation
- Metal mounting inserts
- Provision for an authority seal
- UV Stabilised
- Approvals
  - CE marked
  - UL approval
- Materials
  - Opaque parts – polyester
- Surface finish – natural RAL7035
- Protection rating – IP66

The Polynova PN is a range of hinged, non-metallic enclosures with an easy to use latch assembly that makes access easy. It is ideal for applications that require regular access for maintenance.

### Inclusions

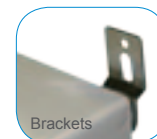
- Wall mount brackets
- Latches
- Mounting Pan (see table below)

### Selection Guide

Catalogue No.		Dimensions (mm)				Weight (kg)	Mounting Pan	
Opaque	Transparent	Height	Width	Depth	Cover Depth		Insulated	Metal
PN131007	PN131007T	130	100	70	20	0.2	•	•
PN151007	PN151007T	150	100	70	20	0.2	•	•
PN201007	PN201007T	200	100	70	20	0.3	•	•
PN151509*	PN151509T*	152	152	90	20	0.4	•	•
PN192910*	PN192910T*	190	290	100	30	0.8	•	
PN312013	PN312013T	308	203	132	30	0.9	•	•
PN352515*	PN352515T*	370	270	150	30	1.7	•	
PN362515	PN362515T	360	250	150	30	1.9	•	•
PN392916*	PN392916T*	400	300	160	30	2.1	•	•
PN453516	PN453516T	405	350	160	30	2.2	•	•
PN303018*	PN303018T*	330	330	180	30	2.1	•	
PN463520*	PN463520T*	490	370	200	30	3.1	•	
PN504020	PN504020T	500	400	200	30	3.2	•	•
PN534320	PN534320T	530	430	200	30	4.3	•	•
PN605025#	PN605025T#	635	535	250	30	7.7	•	•
PN705025#	PN705025T#	735	535	250	30	8.4	•	•

\* To be discontinued

# Enclosures supplied with metal mounting pan as standard



## Accessories

Product	Description	Catalogue No.	PN131007(T)	PN151007(T)	PN201007(T)	PN151509(T)*	PN192910(T)*	PN312013(T)	PN352515(T)*	PN362515(T)	PN392916(T)*	PN453516(T)	PN303018(T)*	PN463520(T)*	PN504020(T)	PN534320(T)	PN605025(T)	PN705025(T)
Mounting pan – insulated	96.5x68x3.5mm	PN1310/I	•															
	116x68x3.5mm	PN1510/I		•														
	165.5x68x3.5mm	PN2010/I			•													
	124 x 124 x 3.8mm	PN1515/I				•												
	161 x 252 x 3.5mm	PN1929/I*					•											
	267 x 170 x 3.4mm	PN3120/I						•										
	316 x 217 x 3.5mm	PN3525/I*							•									
	316 x 217 x 4.3mm	PN3625/I								•								
	362 x 265 x 3.5mm	PN3929/I									•							
	420 x 307 x 4.3mm	PN4535/I										•						
	287 x 287 x 3.5mm	PN3030/I*											•					
	447 x 333 x 3.5mm	PN4635/I*												•				
	463 x 362 x 4.3mm	PN5040/I													•			
	463 x 362 x 3.5mm	PN5343/I														•		
	572 x 472 x 3mm	PN6050/I															•	
762 x 472 x 3mm	PN7050/I																•	
Mounting pan – metal	96.5x68x1.6mm	PN1310/M	•															
	116x68x1.6mm	PN1510/M		•														
	165.5x68x1.6mm	PN2010/M			•													
	124 x 124 x 1.6mm	PN1515/M				•												
	161 x 252 x 1.6mm	PN1929/M*					•											
	267 x 170 x 1.6mm	PN3120/M						•										
	316 x 217 x 1.6mm	PN3525/M*							•									
	361 x 217 x 1.6mm	PN3625/M								•								
	362 x 265 x 1.6mm	PN3929/M									•							
	420 x 307 x 1.6mm	PN4535/M										•						
	287 x 287 x 1.6mm	PN3030/M*											•					
	447 x 333 x 1.6mm	PN4635/M*												•				
	463 x 362 x 1.6mm	PN5040/M													•			
	463 x 362 x 1.6mm	PN5343/M														•		
	565 x 465 x 1.6mm	PN6050/M															•	
665 x 465 x 1.6mm	PN7050/M																•	
Escutcheon – hinged (aluminium)	163 x 160 x 2mm	PN1929/HE*					•											
	370 x 165 x 2mm	PN3120/HE						•										
	303 x 303 x 2mm	PN3030/HE*											•					
	344 x 243 x 2mm	PN3525/HE*							•									
	315 x 210 x 2mm	PN3625/HE								•								
	375 x 271 x 2mm	PN3929/HE									•							
	410 x 310 x 2mm	PN4535/HE										•						
	461 x 345 x 2mm	PN4635/HE*											•					
	495 x 394 x 2mm	PN5343/HE													•			
	595 x 495 x 2mm	PN6050/HE														•		
695 x 495 x 2mm	PN7050/HE															•		

\* To be discontinued

Introduction

General Purpose

Special Purpose

Multiple Applications

Hazardous Areas

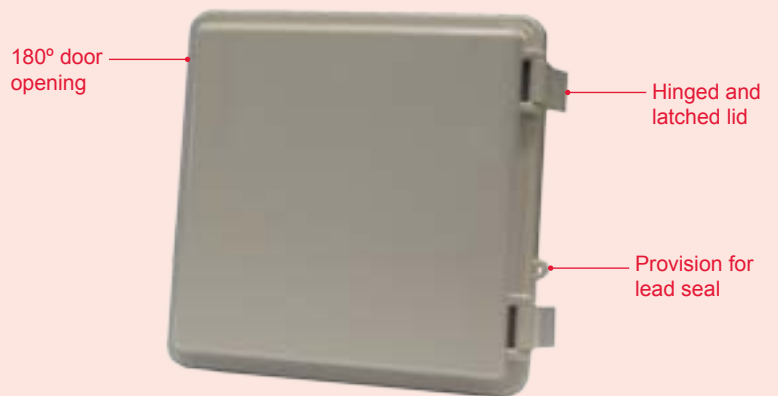
Data & Communications

Ancillary Items

Technical Drawings

Technical Information

## Hinged Non-Metallic Enclosure System



IP66

### OVERVIEW

The Polynova PN is a range of hinged, non-metallic enclosures with an easy to use latch assembly that makes access easy. It is ideal for applications that require regular access for maintenance.

Constructed from polyester, the Polynova PN is suitable for indoor and outdoor use. The use of polyester makes the PN a highly rigid, light weight enclosure that is impact resistant, UV stabilised and able to withstand temperatures from -40° to 75°C.

### APPLICATION

Commonly used for terminations of electrical circuits, housing electronics and signal infrastructure such as rail and traffic lights.

### MATERIALS

Opaque parts: Polyester  
Surface finish: Natural RAL7035

### FEATURES

- IP66 protection rating
- Easy access with 180° door opening
- Mounting feet included for easy installation
- High quality construction
- Captive mounting pan fixing points
- Hinged and latched lid for easy access
- Halogen free (EN 14582)
- Capable of withstanding temperatures from -40°C to 75°C
- Transparent lid options

Catalogue No.		Dimensions (mm)					Weight (kg)
Opaque	Transparent	Height	Width	Depth	Cover Depth		
PN131007	PN131007T	130	100	70	20	0.2	
PN151007	PN151007T	150	100	70	20	0.2	
PN201007	PN201007T	200	100	70	20	0.3	
PN312013	PN312013T	308	203	132	30	0.9	
PN362515	PN362515T	360	250	150	30	1.9	
PN453516	PN453516T	405	350	160	30	2.2	
PN504020	PN504020T	500	400	200	30	3.2	
PN534320	PN534320T	530	430	200	30	4.3	
PN605025*	PN605025T*	635	535	250	30	7.7	
PN705025*	PN705025T*	735	535	250	30	8.4	

\* To be discontinued

# Enclosures supplied with metal mounting pan as standard

## Accessories

Product	Description	Catalogue No.
Mounting pan – insulated	96.5x68x3.5mm	PN1310/I
	116x68x3.5mm	PN1510/I
	165.5x68x3.5mm	PN2010/I
	267x170x3.4mm	PN3120/I
	316x217x4.3mm	PN3625/I
	420x307x4.3mm	PN4535/I
	463x362x4.3mm	PN5040/I
	463x362x3.5mm	PN5343/I
	572x472x3mm	PN6050/I
	762x472x3mm	PN7050/I
Mounting pan – metal	96.5x68x1.6mm	PN1310/M
	116x68x1.6mm	PN1510/M
	165.5x68x1.6mm	PN2010/M
	267x170x1.6mm	PN3120/M
	361x217x1.6mm	PN3625/M
	420x307x1.6mm	PN4535/M
	463x362x1.6mm	PN5040/M
	463x362x1.6mm	PN5343/M
Escutcheon – hinged (aluminium)	495x394x2mm	PN5343/HE
	595x495x2mm	PN6050/HE
	695x495x2mm	PN7050/HE

## INCLUSIONS

- Wall mount brackets
- Latches
- Insulated mounting pan



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