



General Purpose Enclosures



Polynova PN Hinged Non-Metallic Enclosure System

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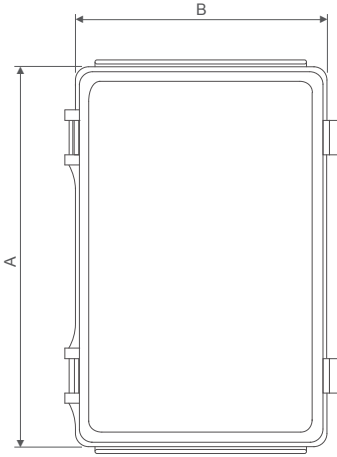
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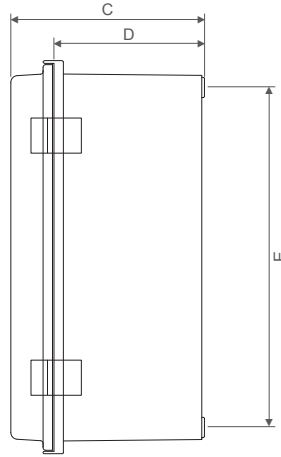
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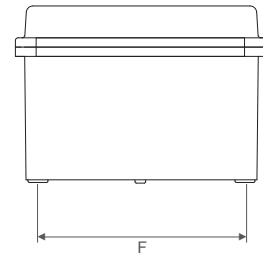
[Local Sales Team Phone Numbers](#)



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

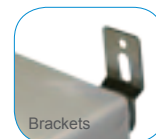
- Wall mount brackets
- Latches
- Mounting Pan (see table below)

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

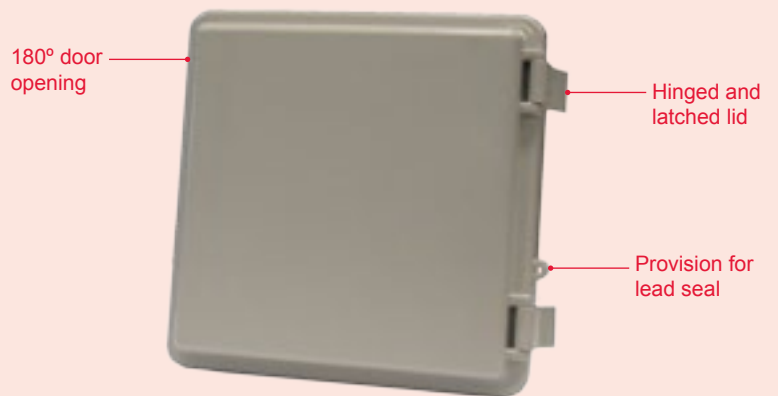
Data & Communications

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.

MATERIALS

Opaque parts: Polyester
Surface finish: Natural RAL7035

APPLICATION

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

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 | |
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| 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 | |

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| | 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 | |

INCLUSIONS

- Wall mount brackets
- Latches
- Insulated mounting pan



Other brands in the B&R Group:



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Townsville P: +61 7 4775 6255
Sydney P: +61 2 8867 7688
Newcastle P: +61 2 4961 4433
Victoria P: +61 3 8588 8400

South Australia P: +61 8 8417 6200
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Tasmania P: +61 3 6331 5545
Northern Territory P: +61 8 8947 0870

Email sales@brenclosures.com.au
 Web www.brenclosures.com.au