

## Type 4/4X, 6/6P Polycarbonate and ABS Plastic Enclosures 1557

### Series

#### Water-Tight, Multiple Mounting Features

#### Key Features:



- Ideally suited for mounting printed circuit boards.
- Can be used in a tabletop configuration or two different wall-mount configurations.
- Rounded corners and face provide a more modern look while still offering superior water-tight ratings.
- Lid is secured with included M4 stainless steel machine screws which are threaded into corrosion resistant bushings for repetitive assembly and disassembly. All hardware is designed to avoid corrosion caused by harsh environments over time.
- Available in black or gray ABS plastic or UL listed polycarbonate.
- Gasketed lid with two piece tongue and groove construction provides protection against access of oil, dust, and water.
- Gasket is one piece made from high temperature UL listed silicone.
- Aluminum **inner panels** are available as accessories.
- All enclosures include 4x adhesive rubber feet, 2x or 4x plastic mounting feet (varies by size), and foot installation screws.
- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

#### Ratings:

##### ABS

- ABS versions are molded from general purpose material which carries a flammability rating of UL94-HB. For indoor use.
- ABS versions are not UL listed but have been tested to and meet IP66 ratings.
- ABS versions carry an impact rating of IK07 per IEC 62262:2021.
- Recommended operating temperature: -20°C to +60°C (-4°F to +140°F).

##### Polycarbonate

- Polycarbonate versions are UV stabilized for outdoor use and carry a UL94-5VA flammability rating.
- Polycarbonate versions are cUL and UL 508A listed under file #E65324.
- Polycarbonate versions have been independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 6, 6P, 12 and 13 ratings.
  - Exception: 1554VGY, 1554V2GY, 1554V2GYCL, and 1554V2GYSL are Type 4, 4X only.
- Polycarbonate versions carry an impact rating of IK08 per IEC 62262:2021.
- Recommended operating temperature: -40°C to +110°C (-40°F to +230°F).
  - Customers should conduct their own testing to determine suitability for any specific application.

**Heavy Duty Wall Flange Mount (Mounting Feet Outward)**



**Flush Wall Mount (Mounting Feet as Keyhole Slots)**



**Desktop / Tabletop (Rubber Feet Included)**



## Accessories

- Pole Mount Kit
- Liquid-Tight Cordgrips (Nickel Plated Brass)
- Pressure Compensation Plug
- Liquid-Tight Cordgrips (Nylon)
- Breather Kit
- 1557 Series Inner Panels

| Black ABS | Light Gray ABS | Black Polycarbonate (UL Listed) | Light Gray Polycarbonate (UL Listed) | Length | Width | Total Height | Replacement Gasket (2-pack) | Aluminum Inner Panel |
|-----------|----------------|---------------------------------|--------------------------------------|--------|-------|--------------|-----------------------------|----------------------|
| 1557BBK   | 1557BGY        | 1557B2BK                        | 1557B2GY                             | 80     | 80    | 45           | 1557BGASKET                 | 1557BPL              |
| 1557BABK  | 1557BAGY       | 1557BA2BK                       | 1557BA2GY                            | 80     | 80    | 60           | 1557BGASKET                 | 1557BPL              |
| 1557DBK   | 1557DGY        | 1557D2BK                        | 1557D2GY                             | 120    | 120   | 45           | 1557DGASKET                 | 1557DPL              |
| 1557DABK  | 1557DAGY       | 1557DA2BK                       | 1557DA2GY                            | 120    | 120   | 70           | 1557DGASKET                 | 1557DPL              |
| 1557FBK   | 1557FGY        | 1557F2BK                        | 1557F2GY                             | 160    | 160   | 45           | 1557FGASKET                 | 1557FPL              |
| 1557FABK  | 1557FAGY       | 1557FA2BK                       | 1557FA2GY                            | 160    | 160   | 70           | 1557FGASKET                 | 1557FPL              |
| 1557HBK   | 1557HGY        | 1557H2BK                        | 1557H2GY                             | 200    | 200   | 45           | 1557HGASKET                 | 1557HPL              |
| 1557HABK  | 1557HAGY       | 1557HA2BK                       | 1557HA2GY                            | 200    | 200   | 70           | 1557HGASKET                 | 1557HPL              |

## Replacement Lid Screws (50-pack)

|          |          |
|----------|----------|
| Part No. | SC576-50 |
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## PC Board Mounting Screws (50-pack)

|          |          |
|----------|----------|
| Part No. | SC526-50 |
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## Replacement Rubber Feet (24-pack)

|          |          |
|----------|----------|
| Part No. | 1421T6CL |
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## Replacement Wallmount Foot Kits

| Part Number (24-pack) | Color | Material      |
|-----------------------|-------|---------------|
| 1557FOOTBK-24         | Black | ABS Plastic   |
| 1557FOOTGY-24         | Gray  | ABS Plastic   |
| 1557FOOT2BK-24        | Black | Polycarbonate |
| 1557FOOT2GY-24        | Gray  | Polycarbonate |

## Pole Mount Brackets

| Enclosure Profile | Pole Mount Kit (7" Max) | Pole Mount Kit (15" Max) | Screw Type | Replacement Screw Pack |
|-------------------|-------------------------|--------------------------|------------|------------------------|
| 1557B             | PMB5057WKIT1            | PMB5057WKIT2             | #8 x 1/2"  | SCPMB4-20              |
| 1557BA            | PMB5057WKIT1            | PMB5057WKIT2             | #8 x 1/2"  | SCPMB4-20              |
| 1557D             | PMB5057KIT3             | PMB5057KIT4              | #8 x 3/8"  | SCPMB5-20              |

| Enclosure Profile | Pole Mount Kit (7" Max) | Pole Mount Kit (15" Max) | Screw Type | Replacement Screw Pack |
|-------------------|-------------------------|--------------------------|------------|------------------------|
| 1557DA            | PMB5057KIT3             | PMB5057KIT4              | #8 x 3/8"  | SCPMB5-20              |
| 1557F             | PMB6687KIT3             | PMB6687KIT4              | #8 x 3/8"  | SCPMB5-20              |
| 1557FA            | PMB6687KIT3             | PMB6687KIT4              | #8 x 3/8"  | SCPMB5-20              |
| 1557H             | PMB110127KIT3           | PMB110127KIT4            | #8 x 3/8"  | SCPMB5-20              |
| 1557HA            | PMB110127KIT3           | PMB110127KIT4            | #8 x 3/8"  | SCPMB5-20              |

Tags: polycarbonate, ABS, watertight, wallmount, feet, UV, outdoor, impact resistant, heavy duty, PCB, desktop, tabletop, IP68, nema, nema box *Data subject to change without notice.*

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