

# Ultimate Series NEMA 4, 12 and 13 Single-Door Wall Mount with Window



## Applications

Designed to house and protect electrical and electronic components from harsh, dirty environments. For use in installations where dust, dirt, oil, water or other contaminants are present. Streamlined styling, window, and an attractive, durable finish complement any high-tech electronic equipment.



## Construction

- Bodies and doors fabricated from 14 gauge steel
- Plasma welded seams
- Poured-in-place polyurethane gasket
- Collar studs provided for mounting optional subpanels
- Grounding provisions provided
- Concealed hinges
- Polycarbonate viewing window
- Increased tub openings to accommodate larger size [optional] subpanels
- Optional subpanels must be ordered separately
- Swing-out panel kits WAJCDFK and WANADFK will not work with these enclosures
- Doors are interchangeable and easily removable [open to 90° to remove door]
- 1/4 turn semi-flush oil tight latches are supplied to hold door securely closed
- Mounting holes in rear of enclosure body
- [Uses N41214 series latches](#)

## Finish

- ANSI 61 gray light-textured [N41212xxxxC] or RAL7035 gray textured [N41212xxxxCLG] inside and outside over phosphatized surfaces
- Painted steel subpanels are white polyester powder over phosphatized surfaces
- Galvanized and stainless subpanels are a conductive finish [unpainted]

## Listings

- UL 508, Types 4, 12, and 13 [UL file E64791]
- Meets NEMA/EEMAC Types 4, 12 and 13 requirements
- Wall mounting brackets required to maintain UL/CSA external mounting requirements.



FOR CURRENT LISTINGS, PLEASE SEE  
WWW.AUTOMATIONDIRECT.COM

| Enclosure Shipping Schedule                          |            |            |             |             |             |
|--|------------|------------|-------------|-------------|-------------|
| Same day   | 1 - 5 days | 1 - 7 days | 1 - 10 days | 1 - 15 days | 1 - 20 days |
| Color indicates shipping lead time in business days. |            |            |             |             |             |

| Ultimate Series NEMA 4, 12 and 13 Single-Door Wall Mount with Window |          |                       |          |   |          |   |                        |                          |                     |                 |
|--|----------|-----------------------|----------|---|----------|---|------------------------|--------------------------|---------------------|-----------------|
| ANSI 61 Gray Light-Textured  | Price    | RAL7035 Gray Textured | Price    | Enclosure Size HxWxD                    | C        | E | Painted Steel Subpanel | Stainless Steel Subpanel | Galvanized Subpanel | Swing-Out Panel |
| N412121206WC   | \$301.00 | N412121206WCLG        | \$301.00 | 12.00 x 12.00 x 6.92 [305 x 305 x 176]  | 6 [152]  | — | NP1212C                | —                        | NP1212CG            | HFWNSP1212C     |
| N412121208WC   | \$320.00 | N412121208WCLG        | \$320.00 | 12.00 x 12.00 x 8.92 [305 x 305 x 227]  | 6 [152]  | — | NP1212C                | —                        | NP1212CG            | HFWNSP1212C     |
| N412161206WC   | \$321.00 | N412161206WCLG        | \$321.00 | 16.00 x 12.00 x 6.92 [406 x 305 x 176]  | 8 [203]  | — | NP1612C                | NP1612SSC                | NP1612CG            | HFWNSP1612C     |
| N412161208WC   | \$337.00 | N412161208WCLG        | \$337.00 | 16.00 x 12.00 x 8.2 [406 x 305 x 227]   | 8 [203]  | — | NP1612C                | NP1612SSC                | NP1612CG            | HFWNSP1612C     |
| N412161210WC   | \$350.00 | N412161210WCLG        | \$350.00 | 16.00 x 12.00 x 10.92 [406 x 305 x 277] | 8 [203]  | — | NP1612C                | NP1612SSC                | NP1612CG            | HFWNSP1612C     |
| N412201606WC   | \$370.00 | N412201606WCLG        | \$370.00 | 20.00 x 16.00 x 6.92 [508 x 406 x 176]  | 10 [254] | — | NP2016C                | NP2016SSC                | NP2016CG            | HFWNSP2016C     |
| N412201608WC   | \$391.00 | N412201608WCLG        | \$391.00 | 20.00 x 16.00 x 8.92 [508 x 406 x 227]  | 10 [254] | — | NP2016C                | NP2016SSC                | NP2016CG            | HFWNSP2016C     |
| N412201610WC   | \$406.00 | N412201610WCLG        | \$406.00 | 20.00 x 16.00 x 10.92 [508 x 406 x 277] | 10 [254] | — | NP2016C                | NP2016SSC                | NP2016CG            | HFWNSP2016C     |
| N412202006WC   | \$400.00 | N412202006WCLG        | \$400.00 | 20.00 x 20.00 x 6.92 [508 x 508 x 176]  | 10 [254] | — | NP2020C                | NP2020SSC                | NP2020CG            | HFWNSP2020C     |
| N412202008WC   | \$422.00 | N412202008WCLG        | \$422.00 | 20.00 x 20.00 x 8.92 [508 x 508 x 227]  | 10 [254] | — | NP2020C                | NP2020SSC                | NP2020CG            | HFWNSP2020C     |
| N412202010WC   | \$439.00 | N412202010WCLG        | \$439.00 | 20.00 x 20.00 x 10.92 [508 x 508 x 277] | 10 [254] | — | NP2020C                | NP2020SSC                | NP2020CG            | HFWNSP2020C     |

Notes: Subpanels must be ordered separately.  
Dimensions in inches [millimeters].  
Letters in table correspond to letters on dimensional drawings.

# Ultimate Series NEMA 4, 12 and 13 Single-Door Wall Mount with Window



| Enclosure Shipping Schedule |            |            |             |             |             |
|-----------------------------|------------|------------|-------------|-------------|-------------|
| Same day                    | 1 - 5 days | 1 - 7 days | 1 - 10 days | 1 - 15 days | 1 - 20 days |

Color indicates shipping lead time in business days.

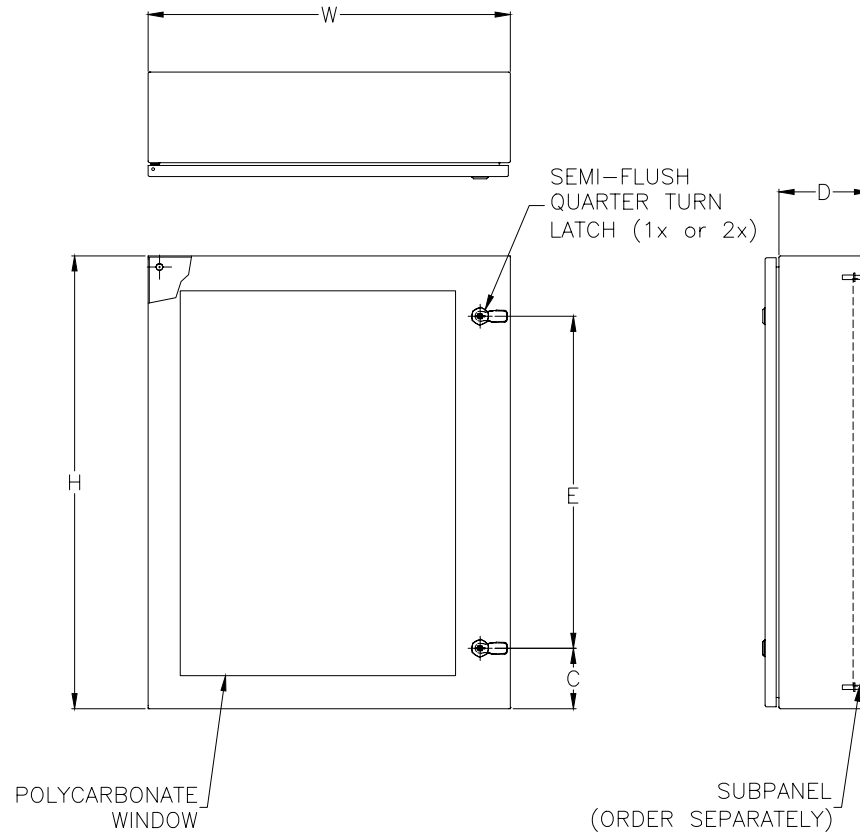
| Ultimate Series NEMA 4, 12 and 13 Single-Door Wall Mount with Window – [cont.] |          |                       |          |  |             |             |                        |                          |                     |                 |
|--|----------|-----------------------|----------|--|-------------|-------------|------------------------|--------------------------|---------------------|-----------------|
| ANSI 61 Gray Light-Textured  | Price    | RAL7035 Gray Textured | Price    | Enclosure Size HxWxD                       | C           | E           | Painted Steel Subpanel | Stainless Steel Subpanel | Galvanized Subpanel | Swing-Out Panel |
| N412202012WC   | \$467.00 | N412202012WCLG        | \$467.00 | 20.00 x 20.00 x 12.92<br>[508 x 508 x 328] | 10<br>[254] | —           | NP2020C                | NP2020SSC                | NP2020CG            | HFWNSP2020C     |
| N412242006WC   | \$429.00 | N412242006WCLG        | \$429.00 | 24.00 x 20.00 x 6.92<br>[610 x 508 x 176]  | 12<br>[305] | —           | NP2420C                | NP2420SSC                | NP2420CG            | HFWNSP2420C     |
| N412242008WC   | \$454.00 | N412242008WCLG        | \$454.00 | 24.00 x 20.00 x 8.92<br>[610 x 508 x 227]  | 12<br>[305] | —           | NP2420C                | NP2420SSC                | NP2420CG            | HFWNSP2420C     |
| N412242010WC   | \$472.00 | N412242010WCLG        | \$472.00 | 24.00 x 20.00 x 10.92<br>[610 x 508 x 277] | 12<br>[305] | —           | NP2420C                | NP2420SSC                | NP2420CG            | HFWNSP2420C     |
| N412242012WC   | \$503.00 | N412242012WCLG        | \$503.00 | 24.00 x 20.00 x 12.92<br>[610 x 508 x 328] | 12<br>[305] | —           | NP2420C                | NP2420SSC                | NP2420CG            | HFWNSP2420C     |
| N412242406WC   | \$463.00 | N412242406WCLG        | \$463.00 | 24.00 x 24.00 x 6.92<br>[610 x 610 x 176]  | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| N412242408WC   | \$490.00 | N412242408WCLG        | \$490.00 | 24.00 x 24.00 x 8.92<br>[610 x 610 x 227]  | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| N412242410WC   | \$510.00 | N412242410WCLG        | \$510.00 | 24.00 x 24.00 x 10.92<br>[610 x 610 x 277] | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| N412242412WC   | \$544.00 | N412242412WCLG        | \$544.00 | 24.00 x 24.00 x 12.92<br>[610 x 610 x 328] | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| N412242416WC   | \$598.00 | N412242416WCLG        | \$598.00 | 24.00 x 24.00 x 16.92<br>[610 x 610 x 430] | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| Not Available  | —        | N412242420WCLG        | \$652.00 | 24.00 x 24.00 x 20.92<br>[610 x 610 x 531] | 4<br>[102]  | 16<br>[406] | NP2424C                | NP2424SSC                | NP2424CG            | HFWNSP2424C     |
| N412302406WC   | \$489.00 | N412302406WCLG        | \$489.00 | 30.00 x 24.00 x 6.92<br>[762 x 610 x 176]  | 4<br>[102]  | 22<br>[559] | NP3024C                | NP3024SSC                | NP3024CG            | HFWNSP3024C     |
| N412302408WC   | \$544.00 | N412302408WCLG        | \$544.00 | 30.00 x 24.00 x 8.92<br>[762 x 610 x 227]  | 4<br>[102]  | 22<br>[559] | NP3024C                | NP3024SSC                | NP3024CG            | HFWNSP3024C     |
| N412302410WC   | \$568.00 | N412302410WCLG        | \$568.00 | 30.00 x 24.00 x 10.92<br>[762 x 610 x 277] | 4<br>[102]  | 22<br>[559] | NP3024C                | NP3024SSC                | NP3024CG            | HFWNSP3024C     |
| N412302412WC   | \$605.00 | N412302412WCLG        | \$605.00 | 30.00 x 24.00 x 12.92<br>[762 x 610 x 328] | 4<br>[102]  | 22<br>[559] | NP3024C                | NP3024SSC                | NP3024CG            | HFWNSP3024C     |
| N412302420WC   | \$726.00 | N412302420WCLG        | \$726.00 | 30.00 x 24.00 x 20.92<br>[762 x 610 x 531] | 4<br>[102]  | 22<br>[559] | NP3024C                | NP3024SSC                | NP3024CG            | HFWNSP3024C     |

Notes: Subpanels must be ordered separately.  
Dimensions in inches (millimeters).  
Letters in table correspond to letters on dimensional drawings.

# Ultimate Series NEMA 4, 12 and 13 Single-Door Wall Mount with Window



## Dimensions



### NOTES:

1. TWO HINGES PROVIDED WITH EACH ENCLOSURE.
2. ENCLOSURES SMALLER THAN 24"X24" ONLY HAVE ONE LATCH.

See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

# Enclosure Subpanels



## Subpanels for Ultimate Series Wall Mount Enclosures

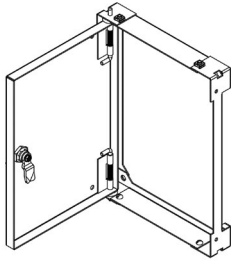
| Enclosure Shipping Schedule |            |            |             |             |             |
|-----------------------------|------------|------------|-------------|-------------|-------------|
| Same day                    | 1 - 5 days | 1 - 7 days | 1 - 10 days | 1 - 15 days | 1 - 20 days |

Color indicates shipping lead time in business days.

| Subpanels for Ultimate Series Wall Mount Enclosures |          |            |          |                     |          |                             |                                     |
|---|----------|------------|----------|---------------------|----------|-----------------------------|-------------------------------------|
| Painted Steel                                       | Price    | Galvanized | Price    | 304 Stainless Steel | Price    | Nominal Enclosure Size HxW* | Subpanel Size HxW                   |
| NP1212C   | \$12.50  | NP1212CG   | \$10.50  | -                   | -        | 12 x 12                     | 10.20 x 10.20 [259 x 259]           |
| NP1612C   | \$13.50  | NP1612CG   | \$13.50  | NP1612SSC           | \$70.00  | 16 x 12                     | 14.20 x 10.20 [361 x 259]           |
| NP1616C   | \$32.50  | NP1616CG   | \$32.50  | NP1616SSC           | \$85.00  | 16 x 16                     | 14.20 x 14.20 [361 x 361]           |
| NP2016C   | \$39.00  | NP2016CG   | \$39.00  | NP2016SSC           | \$103.00 | 16 x 20<br>20 x 16          | 18.20 x 14.20 [462 x 361]           |
| NP2020C   | \$47.00  | NP2020CG   | \$47.00  | NP2020SSC           | \$133.00 | 20 x 20                     | 18.20 x 18.20 [462 x 462]           |
| NP2416C   | \$45.00  | NP2416CG   | \$45.00  | NP2416SSC           | \$128.00 | 24 x 16                     | 22.20 x 14.20 [564 x 361]           |
| NP2420C   | \$45.00  | NP2420CG   | \$61.00  | NP2420SSC           | \$162.00 | 24 x 20                     | 22.20 x 18.20 [564 x 462]           |
| NP2424C   | \$70.00  | NP2424CG   | \$70.00  | NP2424SSC           | \$188.00 | 24 x 24                     | 22.20 x 22.20 [564 x 564]           |
| NP3020C   | \$73.00  | NP3020CG   | \$73.00  | -                   | -        | 30 x 20                     | 28.20 x 18.20 [716 x 462]           |
| NP3024C   | \$84.00  | NP3024CG   | \$73.00  | NP3024SSC           | \$228.00 | 30 x 24                     | 28.20 x 22.20 [716 x 564]           |
| NP3030C   | \$119.00 | NP3030CG   | \$119.00 | NP3030SSC           | \$337.00 | 30 x 30                     | 28.20 x 28.20 [716 x 716]           |
| NP3624C   | \$101.00 | NP3624CG   | \$101.00 | NP3624SSC           | \$288.00 | 24 x 36<br>36 x 24          | 34.20 x 22.20 [869 x 564]           |
| NP3630C   | \$135.00 | NP3630CG   | \$135.00 | NP3630SSC           | \$357.00 | 36 x 30                     | 34.20 x 28.20 [869 x 716]           |
| NP3636C   | \$158.00 | NP3636CG   | \$158.00 | NP3636SSC           | \$431.00 | 36 x 36                     | 34.20 x 34.20 [869 x 869]           |
| NP4224C   | \$116.00 | -          | -        | -                   | -        | 24 x 42                     | 40.20  in x 22.20  in [1021 x 564]  |
| NP4024C   | \$121.00 | NP4024CG   | \$121.00 | -                   | -        | 40 x 24                     | 38.20 x 22.20 [970 x 564]           |
| NP4242C   | \$215.00 | -          | -        | -                   | -        | 42 x 42                     | 40.20  in x 40.20  in [1021 x 1021] |
| NP4230C   | \$181.00 | -          | -        | -                   | -        | 30 x 42<br>42 x 32          | 40.20 x 28.20 [1021 x 716]          |
| NP4236C   | \$181.00 | NP4236CG   | \$181.00 | NP4236SSC           | \$503.00 | 36 x 42<br>42 x 36          | 40.20 x 34.20 [1021 x 869]          |
| NP4824C   | \$131.00 | NP4824CG   | \$131.00 | -                   | -        | 24 x 48<br>48 x 24          | 46.20 x 22.20 [1173 x 564]          |
| NP4830C   | \$173.00 | -          | -        | -                   | -        | 30 x 48                     | 46.20  in x 28.20  in [1173 x 716]  |
| NP4842C   | \$289.00 | -          | -        | -                   | -        | 42 x 48                     | 46.20  in x 40.20  in [1173 x 1021] |
| NP4836C   | \$205.00 | NP4836CG   | \$205.00 | NP4836SSC           | \$545.00 | 36 x 48<br>48 x 36          | 46.20 x 34.20 [1173 x 869]          |
| NP4848C   | \$322.00 | -          | -        | -                   | -        | 48 x 48                     | 46.20  in x 46.20  in [1173 x 1173] |
| NP6030C   | \$212.00 | -          | -        | -                   | -        | 30 x 60                     | 58.20  in x 28.20  in [1478 x 716]  |
| NP6036C   | \$252.00 | NP6036CG   | \$252.00 | NP6036SSC           | \$719.00 | 36 x 30<br>60 x 36          | 58.20 x 34.20 [1478 x 869]          |
| NP6042C   | \$299.00 | -          | -        | -                   | -        | 42 x 60                     | 58.20  in x 40.20  in [1478 x 1021] |

Notes: Dimensions in inches [millimeters].  
Letters in table correspond to letters on dimensional drawing.  
Disconnect enclosures will be up to 2 inches [51mm] wider than width dimensions in this table.

# Swing-Out Panels for Ultimate Series Enclosures



For N412 Ultimate Series Wall Mount Enclosures except N412-1PTC, -3PTC, -SS1PTC, -SS3PTC, -SSA1PTC, and -SSA3PTC

- Maximum swing 107 degrees
- Convenient access to sub enclosure is provided via 1/4 turn pull-tab
- On solid doors, the clearance from the swing panel face to the interior door face is 1-1/4", and 1" on window doors (when the door is closed)
- The kit includes the swing panel, brackets and hardware necessary for a tub flange install. Swing out panels meet Type 1 with enclosure door open
- Painted steel subpanels are painted white polyester powder over phosphated surfaces
- Fabricated from 1/4 gauge steel
- Mounting hardware is furnished with each panel

Notes: HFWNSPxxxxC swing-out panels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Swing-out panel HFWNSP1212C will not fit enclosures N41212126 or N412121206SS.

| Enclosure Shipping Schedule |            |            |             |             |             |
|-----------------------------|------------|------------|-------------|-------------|-------------|
| Same day                    | 1 - 5 days | 1 - 7 days | 1 - 10 days | 1 - 15 days | 1 - 20 days |

Color indicates shipping lead time in business days.

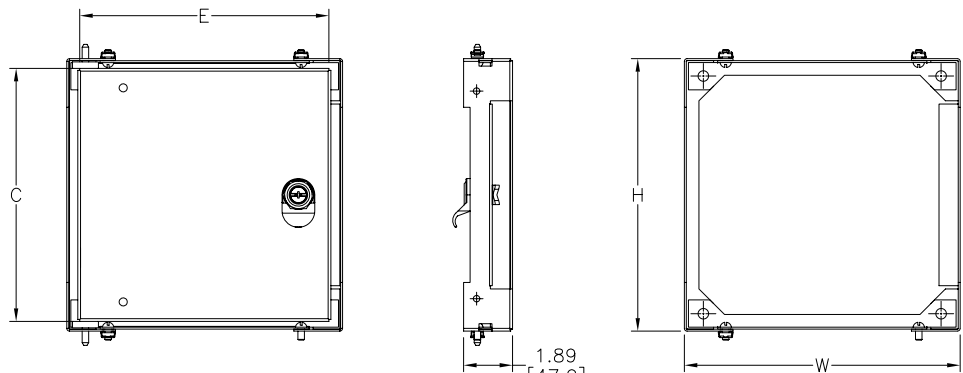
| Swing-Out Panels for Ultimate Series Enclosures |          |                           |                            |                        |
|---|----------|---------------------------|----------------------------|------------------------|
| Part Number                                     | Price    | Panel Size CxE            | Overall Dimensions HxW     | Enclosure Nominal Size |
| HFWNSP1212C                                     | \$103.00 | 9.75 x 9.75 [248 x 248]   | 10.50 x 10.62 [267 x 270]  | 12 x 12                |
| HFWNSP1612C                                     | \$107.00 | 13.75 x 9.75 [349 x 248]  | 14.50 x 10.62 [368 x 270]  | 16 x 12                |
| HFWNSP1616C                                     | \$113.00 | 13.75 x 13.75 [349 x 349] | 14.50 x 14.62 [368 x 37]   | 16 x 16                |
| HFWNSP1620C                                     | \$119.00 | 13.75 x 17.75 [349 x 451] | 14.50 x 18.62 [368 x 473]  | 16 x 20                |
| HFWNSP2016C                                     | \$119.00 | 17.75 x 13.75 [451 x 349] | 18.50 x 14.62 [470 x 371]  | 20 x 16                |
| HFWNSP2020C                                     | \$126.00 | 17.75 x 17.75 [451 x 451] | 18.50 x 18.62 [ 470 x 473] | 20 x 20                |
| HFWNSP2024C                                     | \$133.00 | 17.75 x 21.75 [451 x 552] | 18.50 x 22.62 [470 x 575]  | 20 x 24                |
| HFWNSP2416C                                     | \$125.00 | 21.75 x 13.75 [552 x 349] | 22.50 x 14.62 [572 x 371]  | 24 x 16                |
| HFWNSP2420C                                     | \$133.00 | 21.75 x 17.75 [552 x 451] | 22.50 x 18.62 [572 x 473]  | 24 x 20                |
| HFWNSP2424C                                     | \$142.00 | 21.75 x 21.75 [552 x 552] | 22.50 x 22.62 [572 x 575]  | 24 x 24                |
| HFWNSP3020C                                     | \$144.00 | 27.75 x 17.75 [705 x 451] | 28.50 x 18.62 [724 x 473]  | 30 x 20                |
| HFWNSP3024C                                     | \$155.00 | 27.75 x 21.75 [705 x 552] | 28.50 x 22.62 [724 x 575]  | 30 x 24                |
| HFWNSP3030C                                     | \$171.00 | 27.75 x 27.75 [705 x 705] | 28.50 x 28.62 [724 x 727]  | 30 x 30                |
| HFWNSP3624C                                     | \$168.00 | 33.75 x 21.75 [857 x 552] | 34.50 x 22.62 [876 x 575]  | 36 x 24                |
| HFWNSP3630C                                     | \$187.00 | 33.75 x 27.75 [857 x 705] | 34.50 x 28.62 [876 x 727]  | 36 x 30                |
| HFWNSP3636C                                     | \$206.00 | 33.75 x 33.75 [857 x 857] | 34.50 x 34.62 [876 x 879]  | 36 x 36                |

Notes: Dimensions in inches [millimeters].  
 Letters in table correspond to letters on dimensional drawings.  
 If used in a two-door enclosure, a center panel support must be ordered.

## Dimensions

in [mm]

See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.



DOOR REMOVED

Enclosure Subpanels tENC-332

# Enclosure Accessories - Miscellaneous



## Strip Gasket



| Enclosure Shipping Schedule |            |            |             |             |             |
|-----------------------------|------------|------------|-------------|-------------|-------------|
| Same day                    | 1 - 5 days | 1 - 7 days | 1 - 10 days | 1 - 15 days | 1 - 20 days |

Color indicates shipping lead time in business days.

| Strip Gasket     | Price   | Description   | Wt. [oz] |
|------------------|---------|---|----------|
| <b>WGAS51634</b> | \$15.25 | Wiegmann strip gasket, replacement, self-adhesive, microcell urethane foam, 5/16 inch thick x 3/4 inch wide x 10 ft long roll. For gasket replacement on Wiegmann wall-mount NEMA 12, 4 & 4X enclosures.                    | 7        |
| <b>WGAS3834</b>  | \$15.50 | Wiegmann strip gasket, replacement, self-adhesive, closed cell sponge rubber, 3/8 inch thick x 3/4 inch wide x 10 ft long roll. For gasket replacement on Wiegmann floor-mount and freestanding NEMA 12, 4 & 4X enclosures. | 7        |



## Locking Protective Cover

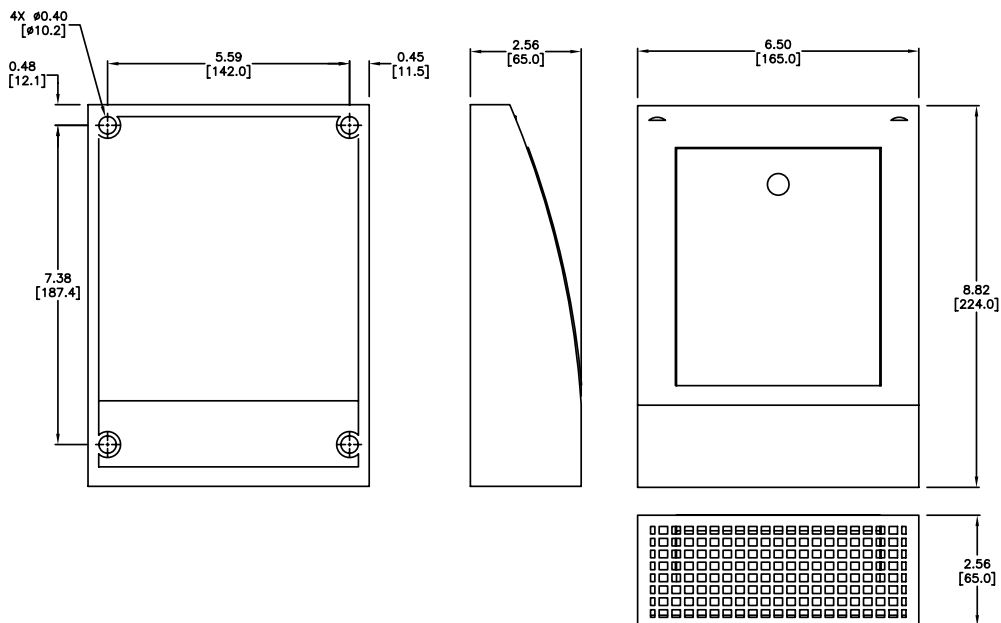
### Features

- Packaged multi-purpose protective cover
- Locking door
- Weather and UV resistant (UL 94-HB)
- IP 20 Protection Class
- Includes mounting screws

| Locking Protective Cover | Description  | Price   |
|--------------------------|--|---------|
| <b>086110-00</b>         | Stego multi-purpose protective cover with locking door, weather and UV resistant (UL 94-HB), IP20 protection class. Includes mounting screws and keys. | \$41.00 |



### Dimensions in [mm]



See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.