

# NJB, NCE, NCS and NCD junction boxes and enclosures

Corrosion-resistant  
Dusttight  
Watertight  
Weatherproof  
NEMA 3, 4X, 12

5E

## Applications:

Where a corrosion-, heat- and water-resistant enclosure is desired, Krydon NJB, NCE, NCS and NCD boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch circuit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical devices

## Features:

- Adjustable mounting feet permit side or top mounting (size 1018 and larger)
- Removable enclosure covers with Hypalon gaskets – hinged type optional – to provide full interior access for ease of wiring
- Hinged access door standard on NCE control enclosure covers
- Flat neoprene access door gaskets

## Certifications and compliances:

### UL standard:

- UL50

### Environmental ratings:

- NEMA 3, 4X, 12 (raintight only, when latches are used)

## Options:

### Description

### Suffix

- Hubs ..... **See Section 6E**

*For factory or field installation*

- Grounding plate or bushing ..... **See Section 6E**

- Hinge kit ..... **NH1**

*For field installation, order the required number of kits*

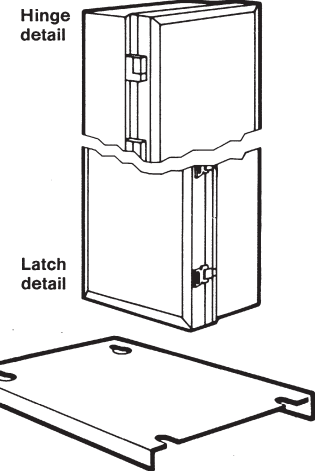
- Latch and lockout kit ..... **NTL01**

*For field installation, order the required number of kits*

- Mounting plates ..... **See ordering information at right**

*Made of steel with electrogalvanized finish*

*Can be custom drilled to your specifications or supplied blank*



## Mounting plates:

| Fits enclosure | Cat. # | Dimensions |        |
|----------------|--------|------------|--------|
|                |        | Length     | Width  |
| 3 1/4 x 6 3/4  | MP0407 | 4 1/2      | 2 3/4  |
| 3 1/4 x 9      | MP0409 | 6 3/4      | 2 3/4  |
| 3 1/4 x 11     | MP0411 | 8 3/4      | 2 3/4  |
| 5 x 9          | MP0509 | 6 3/4      | 3 3/4  |
| 7 x 10         | MP0710 | 7 1/2      | 5 3/4  |
| 7 x 14         | MP0714 | 9          | 5 3/4  |
| 10 x 18        | MP1018 | 14 1/2     | 8 1/2  |
| 10 x 24        | MP1024 | 20         | 8 1/2  |
| 14 x 26        | MP1426 | 22 1/2     | 12 3/4 |
| 24 x 26        | MP2426 | 22         | 20     |

## Ordering information:

| Junction boxes             |                                     |                                             |                                                                        | Control enclosures              | Maximum hub size            |                              |
|----------------------------|-------------------------------------|---------------------------------------------|------------------------------------------------------------------------|---------------------------------|-----------------------------|------------------------------|
| Cat. #<br>Basic box        | Cat. #<br>With hinges<br>(one side) | Cat. #<br>With trunk latches<br>(all sides) | Cat. #<br>With hinges (one side)<br>and trunk latches<br>(three sides) | Cat. #<br>With door in<br>cover | Long sides                  | Short sides                  |
| NJB040703                  |                                     |                                             |                                                                        |                                 | 3/4                         | 3/4                          |
| NJB040704                  |                                     |                                             |                                                                        |                                 | 1                           | 1                            |
| NJB040903                  |                                     |                                             |                                                                        |                                 | 3/4                         | 3/4                          |
| NJB041103                  |                                     |                                             |                                                                        |                                 | 3/4                         | 3/4                          |
| NJB041104                  |                                     |                                             |                                                                        |                                 | 1                           | 1                            |
| NJB050905                  |                                     |                                             |                                                                        |                                 | 1 1/2                       | 1 1/2                        |
| NJB071006                  | NJB071006 NH                        |                                             |                                                                        |                                 | 2                           | 2                            |
| NJB071406                  | NJB071406 NH                        |                                             |                                                                        |                                 | 2                           | 2                            |
| NJB101807                  | NJB101807 NH                        | NJB101807 NTL                               | NJB101807 NHTL                                                         | NCE101807                       | 2 <sup>A</sup>              | 2 1/2                        |
| NJB102407                  | NJB102407 NH                        | NJB102407 NTL                               | NJB102407 NHTL                                                         | NCE102407                       | 2 <sup>A</sup>              | 2 1/2                        |
| NJB142608                  | NJB142608 NH                        | NJB142608 NTL                               | NJB142608 NHTL                                                         | NCE142608                       | 2 1/2 <sup>A</sup>          | 3                            |
| NJB242608                  | NJB242608 NH                        | NJB242608 NTL                               | NJB242608 NHTL                                                         | NCE242608                       | 2 1/2 <sup>A</sup>          | 3                            |
| Control station enclosures |                                     |                                             |                                                                        |                                 |                             |                              |
| Cat. #<br>Without hubs     | Cat. #<br>With one hub (1/2")       | Cat. #<br>With two hubs (1/2")              | Cat. #<br>With one hub (3/4")                                          | Cat. #<br>With two hubs (3/4")  | Cat. #<br>With one hub (1") | Cat. #<br>With two hubs (1") |
| One device                 |                                     |                                             |                                                                        |                                 |                             |                              |
| NCD01                      | NCD11                               | NCDC11                                      | NCD21                                                                  | NCDC21                          | NCD31                       | NCDC31                       |
| NCS01                      | NCS11                               | NCSC11                                      | NCS21                                                                  | NCSC21                          |                             |                              |
| Two devices                |                                     |                                             |                                                                        |                                 |                             |                              |
| NCD02                      | NCD12                               | NCDC12                                      | NCD22                                                                  | NCDC22                          | NCD32                       | NCDC32                       |
| NCS02                      | NCS12                               | NCSC12                                      | NCS22                                                                  | NCSC22                          |                             |                              |
| Three devices              |                                     |                                             |                                                                        |                                 |                             |                              |
| NCD03                      | NCD13                               | NCDC13                                      | NCD23                                                                  | NCDC23                          | NCD33                       | NCDC33                       |
| NCS03                      | NCS13                               | NCSC13                                      | NCS23                                                                  | NCSC23                          |                             |                              |
| Four devices               |                                     |                                             |                                                                        |                                 |                             |                              |
| NCD04                      | NCD14                               | NCDC14                                      | NCD24                                                                  | NCDC24                          | NCD34                       | NCDC34                       |
| NCS04                      | NCS14                               | NCSC14                                      | NCS24                                                                  | NCSC24                          |                             |                              |

<sup>A</sup> Can be increased one hub size when used without mounting plate.

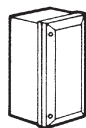
# NJB, NCE, NCS and NCD junction boxes and enclosures

Quick selector guide

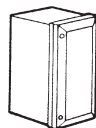
Corrosion-resistant  
Dusttight  
Watertight  
Weatherproof  
NEMA 3, 4X, 12

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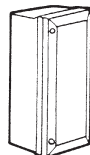
## NJB junction boxes



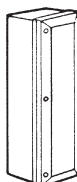
**NJB040703**  
3 1/4 x 6 3/4 x 2 3/4



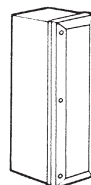
**NJB040704**  
3 1/4 x 6 3/4 x 3 3/4



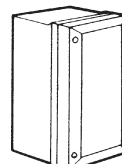
**NJB040903**  
3 1/4 x 9 x 2 3/4



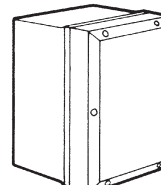
**NJB041103**  
3 1/4 x 11 x 2 3/4



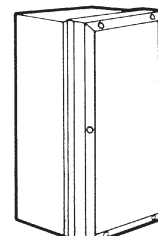
**NJB041104**  
3 1/4 x 11 x 3 3/4



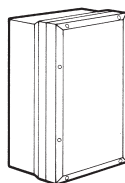
**NJB050905**  
5 x 9 x 5



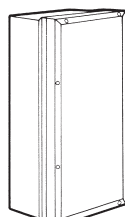
**NJB071006**  
7 x 10 x 6 1/2



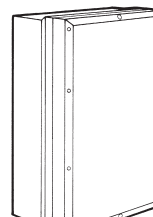
**NJB071406**  
7 x 14 x 6 1/2



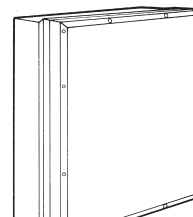
**NJB101807**  
10 x 18 x 7 1/2



**NJB102407**  
10 x 24 x 7 1/2

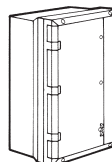


**NJB142608**  
14 x 26 x 8 1/2

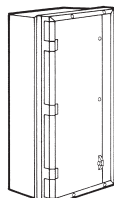


**NJB242608**  
24 x 26 x 8 1/2

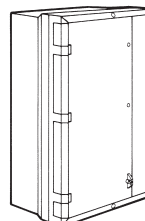
## NCE control enclosures



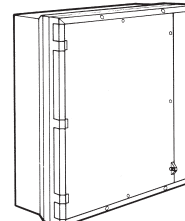
**NCE101807**  
10 x 18 x 7 1/2



**NCE102407**  
10 x 24 x 7 1/2

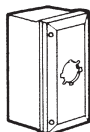


**NCE142608**  
14 x 26 x 8 1/2



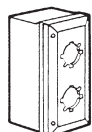
**NCE242608**  
24 x 26 x 8 1/2

## NCD/NCS control stations



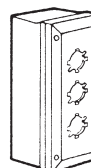
**NCD01**  
3 1/4 x 6 3/4 x 3 3/4

**NCS01**  
3 1/4 x 6 3/4 x 2 3/4  
One device

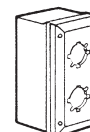


**NCD02**  
3 1/4 x 6 3/4 x 3 3/4

**NCS02**  
3 1/4 x 6 3/4 x 2 3/4  
Two devices



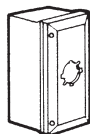
**NCS03**  
3 1/4 x 9 x 2 3/4  
Three devices



**NCD03 and NCD04**  
3 1/4 x 11 x 3 3/4

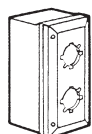
**NCS04**  
3 1/4 x 11 x 2 3/4  
Four devices

## Dimensions



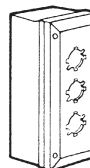
**NCD01**  
3 1/4 x 6 3/4 x 3 3/4

**NCS01**  
3 1/4 x 6 3/4 x 2 3/4  
One device

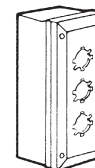


**NCD02**  
3 1/4 x 6 3/4 x 3 3/4

**NCS02**  
3 1/4 x 6 3/4 x 2 3/4  
Two devices



**NCS03**  
3 1/4 x 9 x 2 3/4  
Three devices



**NCD03 and NCD04**  
3 1/4 x 11 x 3 3/4

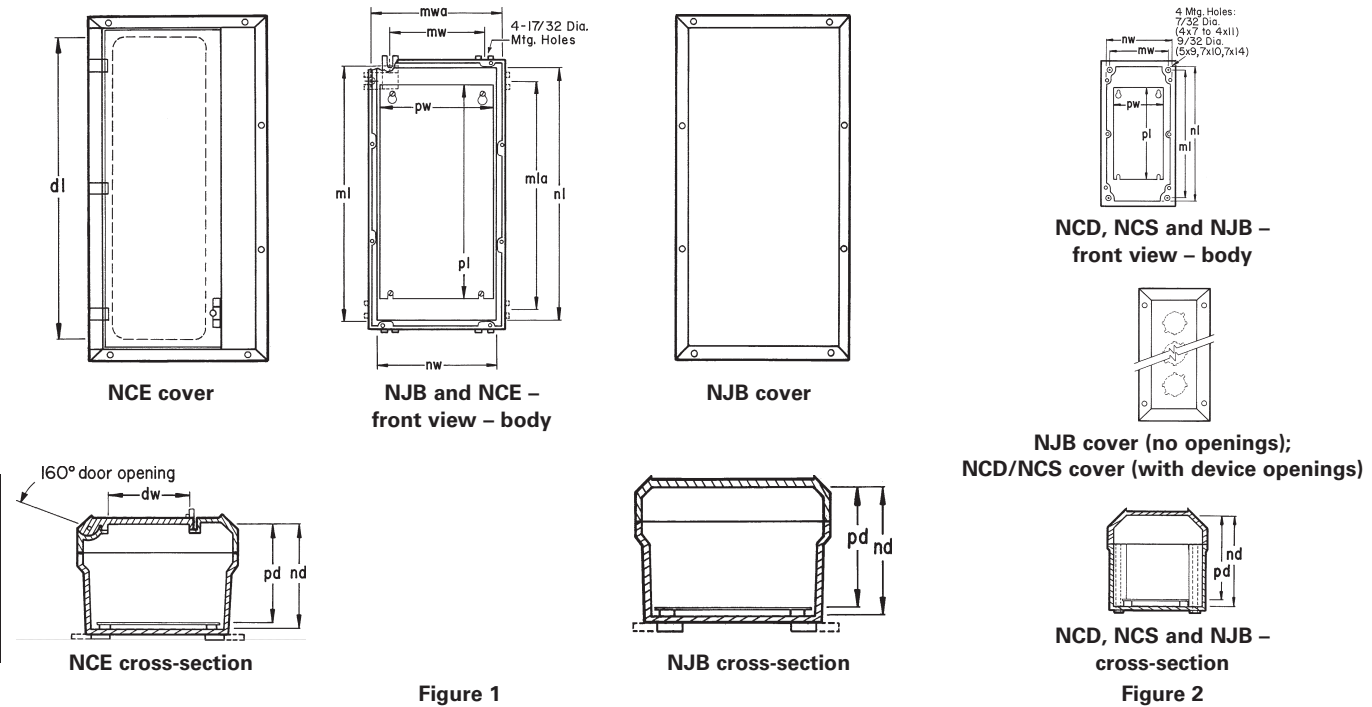
**NCS04**  
3 1/4 x 11 x 2 3/4  
Four devices

# NJB, NCE, NCS and NCD junction boxes and enclosures

Corrosion-resistant  
Dusttight  
Watertight  
Weatherproof  
NEMA 3, 4X, 12

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## Dimensions<sup>®</sup> (in inches):



| Cat. #                                               | Nominal inside dimensions |       |        | Plate dimensions |        |         | Door opening dimensions |          | Mounting dimensions |        | Alternate mounting dimensions |        |
|------------------------------------------------------|---------------------------|-------|--------|------------------|--------|---------|-------------------------|----------|---------------------|--------|-------------------------------|--------|
|                                                      | nw                        | nl    | nd     | pw               | pl     | pd      | dw                      | dl       | mw                  | ml     | mwa                           | mfa    |
| <b>Figure 1 (approximate wall thickness – 1/4")</b>  |                           |       |        |                  |        |         |                         |          |                     |        |                               |        |
| NJB101807                                            | 10                        | 18    | 7 1/2  | 8 1/2            | 14 1/2 | 7 1/16  | 5 11/16                 | 16 7/8   | 7 7/8               | 19 3/8 | 11 3/8                        | 15 7/8 |
| NCE101807                                            | 10                        | 24    | 7 1/2  | 8 1/2            | 20     | 7 1/16  | 5 11/16                 | 22 7/8   | 7 7/8               | 25 3/8 | 11 3/8                        | 21 7/8 |
| NJB142608                                            | 14                        | 26    | 8 1/2  | 12 3/4           | 22 1/2 | 8 1/16  | 9 11/16                 | 23 11/16 | 11 7/8              | 27 1/4 | 15 3/8                        | 23 3/4 |
| NCE142608                                            | 14                        | 26    | 8 1/2  | 12 3/4           | 22 1/2 | 8 1/16  | 9 11/16                 | 23 11/16 | 11 7/8              | 27 1/4 | 15 3/8                        | 23 3/4 |
| NJB242608                                            | 24                        | 26    | 8 1/2  | 20               | 22 1/2 | 8 1/16  | 19 11/16                | 23 11/16 | 21 3/4              | 27 1/4 | 25 1/4                        | 25 3/4 |
| NCE242608                                            | 24                        | 26    | 8 1/2  | 20               | 22 1/2 | 8 1/16  | 19 11/16                | 23 11/16 | 21 3/4              | 27 1/4 | 25 1/4                        | 25 3/4 |
| <b>Figure 2 (approximate wall thickness – 3/16")</b> |                           |       |        |                  |        |         |                         |          |                     |        |                               |        |
| NJB040703                                            | 3 1/4                     | 6 3/4 | 2 3/4  | 2 3/4            | 4 1/2  | 2 3/8   |                         |          | 2 15/16             | 6 3/8  |                               |        |
| NCS01 & NCS02                                        | 3 1/4                     | 6 3/4 | 2 3/4  | 2 3/4            | 4 1/2  | 2 3/8   |                         |          | 2 15/16             | 6 3/8  |                               |        |
| NCD01                                                | 3 1/4                     | 6 3/4 | 3 3/4  | 2 3/4            | 4 1/2  | 3 3/8   |                         |          | 2 15/16             | 6 3/8  |                               |        |
| NJB040704                                            | 3 1/4                     | 9     | 2 3/4  | 2 3/4            | 6 3/4  | 2 3/8   |                         |          | 2 15/16             | 8 3/8  |                               |        |
| NCD02                                                | 3 1/4                     | 9     | 2 3/4  | 2 3/4            | 6 3/4  | 2 3/8   |                         |          | 2 15/16             | 8 3/8  |                               |        |
| NJB040903                                            | 3 1/4                     | 11    | 2 3/4  | 2 3/4            | 8 3/4  | 2 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NCS03                                                | 3 1/4                     | 11    | 2 3/4  | 2 3/4            | 8 3/4  | 2 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NJB041103                                            | 3 1/4                     | 11    | 3 3/4  | 2 3/4            | 8 3/4  | 3 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NCS04                                                | 3 1/4                     | 11    | 3 3/4  | 2 3/4            | 8 3/4  | 3 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NCD03                                                | 3 1/4                     | 11    | 3 3/4  | 2 3/4            | 8 3/4  | 3 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NJB041104                                            | 3 1/4                     | 11    | 3 3/4  | 2 3/4            | 8 3/4  | 3 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NCD04                                                | 3 1/4                     | 11    | 3 3/4  | 2 3/4            | 8 3/4  | 3 3/8   |                         |          | 2 15/16             | 10 3/8 |                               |        |
| NJB050905                                            | 5                         | 9     | 5 3/16 | 3 3/4            | 6 3/4  | 4 11/16 |                         |          | 4 7/8               | 8 3/8  |                               |        |
| NJB071006                                            | 7                         | 10    | 6 1/2  | 5 3/4            | 7 1/2  | 6 1/16  |                         |          | 6 3/8               | 9 3/8  |                               |        |
| NJB071406                                            | 7                         | 14    | 6 1/2  | 5 3/4            | 9      | 6 1/16  |                         |          | 6 3/8               | 13 3/8 |                               |        |

<sup>®</sup> Not to be used for construction purposes unless approved.