

# 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*

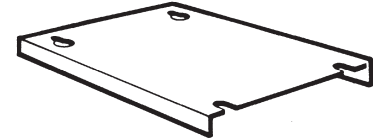
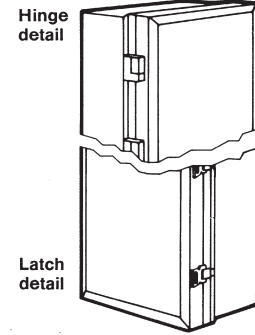
- Latch and lockout kit ..... **NTL01**

*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. # Basic box	Cat. # With hinges (one side)	Cat. # With trunk latches (all sides)	Cat. # With hinges (one side) and trunk latches (three sides)	Cat. # With door in 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. # Without hubs	Cat. # With one hub (1/2")	Cat. # With two hubs (1/2")	Cat. # With one hub (3/4")	Cat. # With two hubs (3/4")	Cat. # With one hub (1")	Cat. # With two hubs (1")
<b>One device</b>						
NCD01	NCD11	NCDC11	NCD21	NCDC21	NCD31	NCDC31
NCS01	NCS11	NCSC11	NCS21	NCSC21		
<b>Two devices</b>						
NCD02	NCD12	NCDC12	NCD22	NCDC22	NCD32	NCDC32
NCS02	NCS12	NCSC12	NCS22	NCSC22		
<b>Three devices</b>						
NCD03	NCD13	NCDC13	NCD23	NCDC23	NCD33	NCDC33
NCS03	NCS13	NCSC13	NCS23	NCSC23		
<b>Four devices</b>						
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.

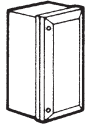
# NJB, NCE, NCS and NCD junction boxes and enclosures

Quick selector guide

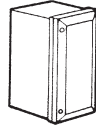
Corrosion-resistant  
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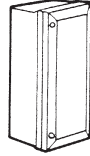
## NJB junction boxes



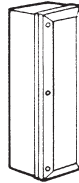
**NJB040703**  
3 1/4 x 6 3/4 x 2 1/4



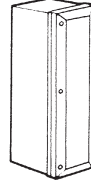
**NJB040704**  
3 1/4 x 6 3/4 x 3 3/4



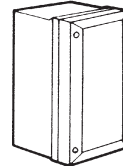
**NJB040903**  
3 1/4 x 9 x 2 3/4



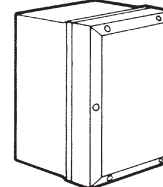
**NJB041103**  
3 1/4 x 11 x 2 3/4



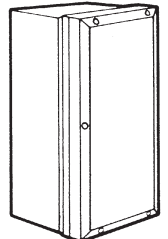
**NJB041104**  
3 1/4 x 11 x 3 3/4



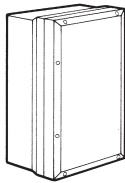
**NJB050905**  
5 x 9 x 5



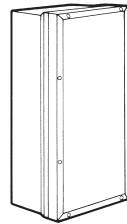
**NJB071006**  
7 x 10 x 6 1/2



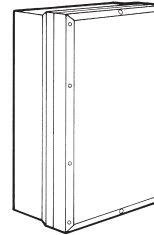
**NJB071406**  
7 x 14 x 6 1/2



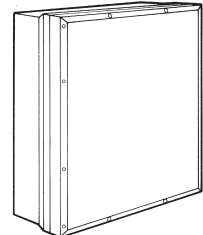
**NJB101807**  
10 x 18 x 7 1/2



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

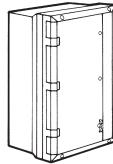


**NJB142608**  
14 x 26 x 8 1/2

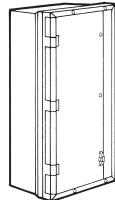


**NJB242608**  
24 x 26 x 8 1/2

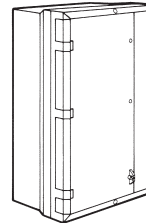
## NCE control enclosures



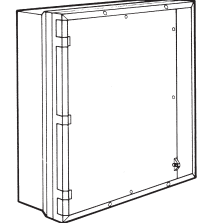
**NCE101807**  
10 x 18 x 7 1/2



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

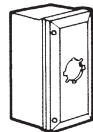


**NCE142608**  
14 x 26 x 8 1/2



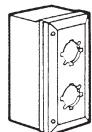
**NCE242608**  
24 x 26 x 8 1/2

## NCD/NCS control stations



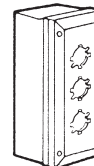
**NCD01**  
3 1/4 x 6 3/4 x 3 3/4

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

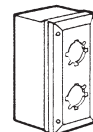


**NCD02**  
3 1/4 x 6 3/4 x 3 3/4

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



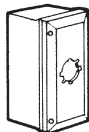
**NCS03**  
3 1/4 x 9 x 2 3/4  
Three devices



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

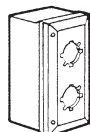
**NCS04**  
3 1/4 x 11 x 2 3/4  
Four devices

## Dimensions



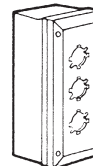
**NCD01**  
3 1/4 x 6 3/4 x 3 3/4

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

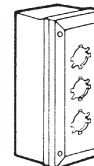


**NCD02**  
3 1/4 x 6 3/4 x 3 3/4

**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

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Dusttight  
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## Dimensions<sup>Ⓢ</sup> (in inches):

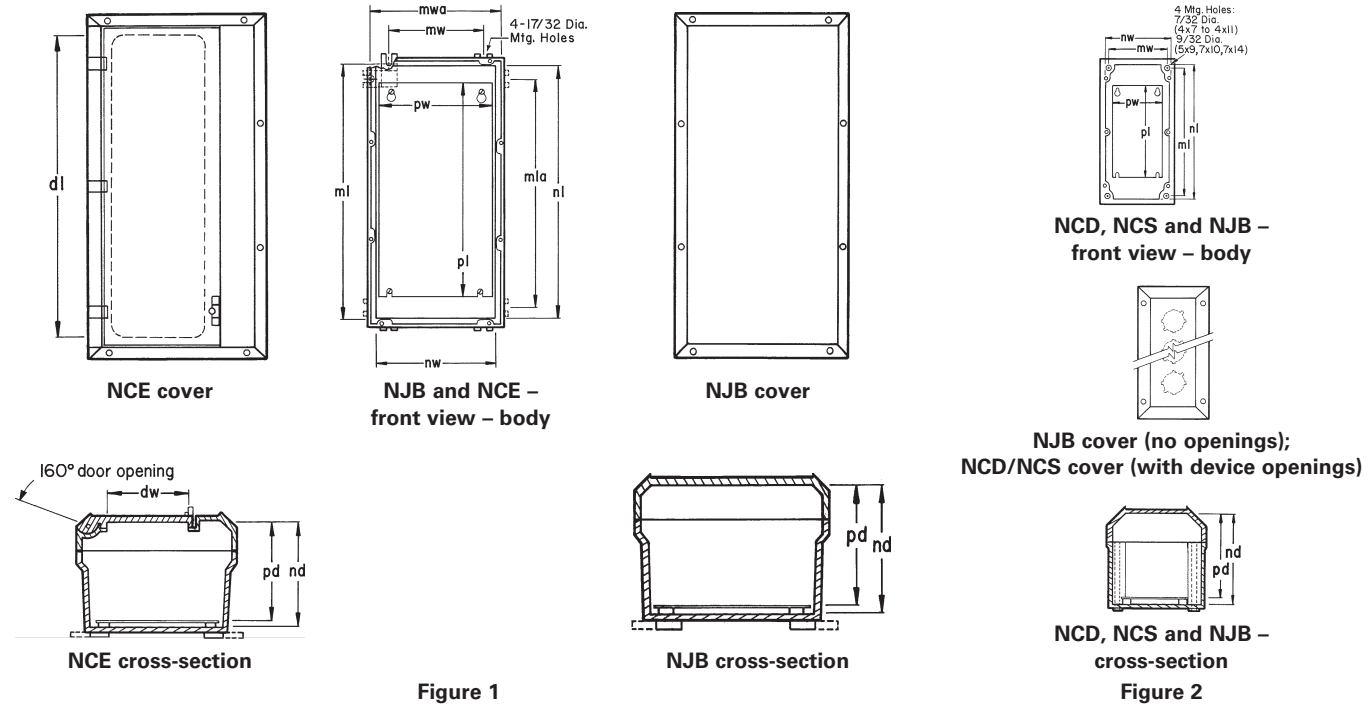


Figure 1

Figure 2

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	mla
<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												
NJB102407	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
NCE102407												
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 5/8	23 3/4
NCE142608												
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												
<b>Figure 2 (approximate wall thickness - 3/16")</b>												
NJB040703										2 15/16	6 7/8	
NCS01 & NCS02	3 1/4	6 3/4	2 3/4	2 3/4	4 1/2	2 3/8						
NCD01												
NJB040704	3 1/4	6 3/4	3 3/4	2 3/4	4 1/2	3 3/8				2 15/16	6 7/8	
NCD02												
NJB040903												
NCS03	3 1/4	9	2 3/4	2 3/4	6 3/4	2 3/8				2 15/16	8 7/8	
NJB041103												
NCS04	3 1/4	11	2 3/4	2 3/4	8 3/4	2 3/8				2 15/16	10 7/8	
NCD03												
NJB041104	3 1/4	11	3 3/4	2 3/4	8 3/4	3 3/8				2 15/16	10 7/8	
NCD04												
NJB050905	5	9	5 3/16	3 3/4	6 3/4	4 11/16				4 7/8	8 7/8	
NJB071006	7	10	6 1/2	5 3/4	7 1/2	6 1/16				6 7/8	9 7/8	
NJB071406	7	14	6 1/2	5 3/4	9	6 1/16				6 7/8	13 3/8	

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