

Hubbell-Wiegmann Product Training



Commercial Contractor Products

NEMA 1 and 3R enclosures

SC, SCREW COVER SERIES, NEMA 1

A, HINGE COVER SERIES, NEMA 1

N1C, "SMALL" HINGE COVER SERIES, NEMA 1

N1C, "MEDIUM" HINGE COVER SERIES, NEMA 1

N1C, "LARGE" HINGE COVER SERIES, NEMA 1

RSC, SCREW COVER SERIES, NEMA 1

RHC, "SMALL" HINGE COVER, NEMA 3R

RHC, "MEDIUM" HINGE COVER, NEMA 3R

LOH, HINGE COVER, NEMA 3R

WCT, SCREW COVER, NEMA 3R

CT & CTDD, HINGE COVER, NEMA 3R

RSCG, SCREW COVER WIRING TROUGH SERIES, NEMA 3R

HS & S, NEMA 1 HINGE & SCREW COVER SYSTEMS









SC Screw Cover and "A" Cabinet enclosures

SC

(i.e. SC060604GNK)

- Commercial (NEMA 1)
- Spot welded construction
- Wrapper design/spot welded back
- Key-way cover
- Available in Galvanized
- Available in ANSI 61 polyester powder version
- Available with/without KO's

• SIZES: 4x4x4 - 36X36X12

"A" Cabinet

(i.e. A060804)

- Commercial (NEMA 1)
- Spot welded construction
- Wrapper design/spot welded back
- Removable hinge cover
- Friction door catch w/ring pull
- ANSI 61 polyester powder finish
- Available only with KO's

• SIZES: 4x5x3 – 24x36x8



N1C, "SMALL & MEDIUM" enclosures

N1C, "SMALL"

(i.e. N1C060604)

- Commercial (NEMA 1)
- Spot welded construction
- Wrapper design/spot welded back
- 1/4 turn coin latch
- Continuous hinge
- Weld nuts for mounting optional sub panels
- No KO
- ANSI 61 polyester powder finish

SIZES: 6x6x4 - 12x20x6

N1C, "MEDIUM"

(i.e. N1C161606LP)

- Commercial (NEMA 1)
- · Plasma (seam) welded design
- 1/4 turn latch
- Butt hinges
- Collar studs for mounting optional sub panels
- No KO
- ANSI 61 polyester powder finish

SIZES: 12x16x6 - 30x36x12



N1C, "LARGE"

(i.e. N1C304209)

- Commercial (NEMA 1)
- Plasma (seam) welded design
- 1/4 turn latch
- Wall mounting feet top and bottom
- Continuous hinged door
- Door/body stiffeners provided
- Collar studs for mounting optional sub panels
- No KO
- ANSI 61 polyester powder finish

SIZES: 30x42x9 - 36x48x17





RSC

(i.e. RSC081206)

- Commercial (NEMA 3R)
- Spot welded design
- Drip top design
- Slip on reversible cover
- Hasp and meter seal
- With and W/O KO's (8" and deeper are No KO)
- ANSI 61 polyester powder finish
- Also available in pre-galvanized finish (unpainted)

SIZES: 4x4x4 - 36x48x16





RHC, "SMALL" & "MEDIUM" enclosures

RHC, "SMALL" (i.e. RHC060804)

- Commercial (NEMA 3R)
- Spot welded construction
- Padlockable draw catch
- Mounting feet top/bottom
- Stainless hinge pin
- · With KO's
- Weld nuts for mounting optional sub panels
- ANSI 61 polyester powder finish

RHC, "MEDIUM" (i.e. RHC201606)

- Commercial (NEMA 3R)
- Plasma (seam) welded design
- Hasp and staple
- Mounting feet top/bottom
- Stainless hinge pin
- No KO's
- With collar studs for mounting optional sub panels
- ANSI 61 polyester powder finish

SIZES: 6x6x4 - 12x12x6

SIZES: 16x12x6 - 48x36x16

Designed primarily for <u>outdoors</u>



LOH enclosures

LOH

(i.e. LOH121206)

- Commercial (NEMA 3R)
- Spot welded construction
- Drip cap
- Padlockable draw latches
- Lift off hinges
- Stainless hinge pins
- No KO's
- Optional wall mounting feet available
- Optional panel mounting kit available

SIZES: 8x6x4 - 30x24x8







WCT

(i.e. WCT242412)

- Commercial (NEMA 3R)
- Smooth seamless sides
- Tack welded construction
- Wall mounting holes
- Drip cap
- Removable slip on cover
- Door handles
- · Hasp for padlocking or meter seal
- ANSI 61 polyester powder finish

SIZES: 24x24x12 - 48x36x16





CT & CTDD enclosures

CT

(i.e. CT242412)

- Commercial (NEMA 3R)
- · Smooth seamless sides
- Seam welded construction
- Wall mounting holes
- Drip cap
- Meter seal provisions
- Lift off hinges
- 1/4 turn latch
- Collar studs for mounting optional sub panel
- ANSI 61 polyester powder finish



CTDD

(i.e. CTDD363212)

- Commercial (NEMA 3R)
- Smooth seamless sides
- Seam welded construction
- Wall mounting holes
- Drip cap
- Lift off hinges
- T door handle
- Meter seal provisions
- Collar studs for mounting optional sub panel
- ANSI 61 polyester powder finish



SIZES: 12x18x10 -

30x36x12

SIZES: 30x24x10 - 48x48x16



RSCG enclosures

RSCG

(i.e. RSCG040460G)

- Commercial wiring troughs (NEMA 3R)
- Spot welded construction
- Drip cap
- Embossed wall mounting holes
- Slip-on removable cover
- With KO's
- Painted version offers an ANSI 61 polyester powder finish
- Galvanized version is unpainted

SIZES: 4x4x12 - 8x8x72





HS, S Wire way

(i.e. HS225, S2260NK)

- Commercial (NEMA1)
- Offered in Hinge Cover or Screw Cover
- Covers on HS Series are held in place by combination hinge/screw
- Covers on S Series are held in place by screw fasteners
- 2 1/2", 4", 6", & 8" offered with or without KO's
- KO's are provided on two sides
- 10" & 12" no KO's
- ANSI 61 polyester powder finish
- Very competitively priced
- S series available in unpainted GALVANIZED

Sizes: 2 ½", 4", 6", 8", 10", 12" (10"=S series only)









Please feel free to utilize the Hubbell-Wiegmann Engineering Catalog while completing the Product Quiz sections.

- 1) Wiegmann offers products that fall into the following NEMA groups:
- a) NEMA1, NEMA12, NEMA4, NEMA 6
- b) NEMA1, NEMA12, NEMA4X, NEMA 6, NEMA 9
- c) NEMA1, NEMA3R, NEMA12, NEMA4, NEMA4X
- d) NEMA1, NEMA3R, NEMA12, NEMA4, NEMA4X, NEMA6, NEMA9
- 2) Screw Cover Pull Boxes meet what rating?
- a) NEMA12
- b) NEMA1
- c) NEMA3R
- d) NEMA4
- 3) Screw Cover Pull Boxes have gasketed covers.
- a) True
- b) False
- 4) A SC080804NK is painted what color?
- a) ANSI49 Gray
- b) ANSI61 Enamel
- c) ANSI61 Polyester powder
- d) None of the above
- 5) What does the letter G stand for in the part number SC060604GNK?
- a) goop
- b) gout
- c) galvanized
- d) none of the above



None of the above

| 6) | What does the letter NK stand for in the part numbers SC060604GNK? |
|----------------------|--|
| a) b) c) d) | Knockout No Knockouts With Knockouts None of the above |
| 7) surface | If a person were to add a SCF0606 cover to a SC060604 enclosure, would the customer have a mount or a flush mount application? |
| a) b) c) | Surface Flush None of the above |
| 8) metal in | Knockouts are typically concentric (ref: two knockout sizes within one) with a tab holding the place. |
| a) b) | True False |
| 9) | NEMA 1 Screw Cover Pull Boxes are seam welded. |
| a) b) | True False |
| 10) | A SC060604GNK is painted: |
| a) b) | ANSI61 polyester powder ANSI61 enamel |

- 11) Screw Cover Pull Boxes have wall mounting feet welded to the back in four places.
- a) True
- b) False
- 12) NEMA1 hinged cover Cutout Boxes (ref: A060604) have what type of hinges?
- a) Butt hinges
- b) Lift off hinges
- c) Formed hinges
- d) Clamp style hinges
- 13) NEMA1 hinged cover Cutout Boxes are only available with Knockouts.
- a) True
- b) False
- 14) SMALL NIC products (ref: NIC060604) come standard with an internal sub panel installed.
- a) True
- b) False
- 15) SMALL NIC doors (ref: NIC060604) are held in place by what type of latches?
- a) Friction catches
- b) Paddle Latches
- c) 3pt Latches
- d) ¼ turn coin latches

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| 16) | NIC060604's are painted ANSI49 polyester powder. |
|----------|--|
| a) o) | True False |
| 17) | What is the height dimension of a NIC2420082 |
| 17) | What is the height dimension of a NIC243008? |
| a) | 24 |
|) | 30 |
| 2) | 8 |
| 18) | NIC products can be used outside so long as you add a drip shield. |
| a) | True |
| o) | False |
| 19) | What is the height stand off on our NIC studs (ref: NIC060604). |
| a) | 15/16 |
|)) | 3/8 |
| e) | .46 |
| d) | .43 |
| 20) | Extra Large NIC's have wall mounting feet top and bottom of cabine |
| a) | True |
| 2) | False |

- 21) RSCG's have a hasp for padlocking.
- a) True
- b) False
- 22) RSCG's are mounted against the wall via:
- a) embossed holes
- b) clearance holes
- c) key holes
- d) mounting feet
- 23) All RSCG's come standard with knockouts in the bottom.
- a) True
- b) False
- 24) RSC enclosures come with a reversible cover that hides the meter hasp.
- a) True
- b) False
- 25) RHC060604 covers are secured via what type of latching system.
- a) ½ turn latch
- b) 1 pt non locking handle
- c) Hex nuts with slots
- d) Padlockable draw catch

- 26) RHC's come standard with mounting feet top and bottom.
- a) True
- b) False
- What type of sub panel does a RHC060604 use?
- a) NP0606
- b) P0606
- c) NIP0606
- 28) RSCG, RSC, RHC, WAGSC, and LOH enclosures meet NEMA 3R.
- a) True
- b) False
- 29) RHC161206 use what type of sub panel?
- a) NP1612
- b) P1612
- c) NIP1612
- 30) LOH121206 enclosures come standard with mounting feet top and bottom.
- a) True
- b) False

Product Quiz Answers

Question Number

Question Number

Question Number

1) C

12) D

23) A

2) B

13) A

24) A

3) B

14) B

25) D

4) C

15) D

26) A

5) C

16) B

27) C

6) B

17) B

7) B

18) B

8) A

19) C

9) B

20) A

10)C

21) B

11)B

22) A



Traditional NEMA Products

NEMA 12 enclosures

B, JIC LIFT OFF COVER SERIES, NEMA 12

BCH, JIC CONTINUOUS HINGE SERIES, NEMA 12

BCH, "LARGE" CONTINUOUS HINGE JIC SERIES, NEMA 12

BCHQR, JIC CONTINUOUS HINGE SERIES, NEMA 12

BSC, JIC SCREW COVER SERIES, NEMA 12

WAGIE, HINGED SCREW COVER SERIES, NEMA 12

JIC, SCREW COVER HANDY BOX SERIES, NEMA 12

N12, SINGLE DOOR WALL MOUNT SERIES, NEMA 12

WAWF, TWO DOOR WALL MOUNT SERIES, NEMA 12

WAFM, SINGLE DOOR FLUSH WALL MOUNT SERIES, NEMA 12

N12, TWO DOOR FLOOR MOUNT SERIES, NEMA 12

WAFS, WAFSD, WAFSDA, WAFSDAD, FREESTANDING ENCLOSURE SERIES, NEMA 12

WA-E, MULTI-DOOR FREESTANDING SERIES, NEMA 12

TCH, HINGE COVER WIRING TROUGH JIC SERIES, NEMA 12

JW, PULL THRU WIRE WAY SERIES, NEMA 12

LJW, LAY IN WIRE WAY SERIES, NEMA 12















B

(i.e. B060604)

- Industrial (NEMA 12)
- Seam welded construction
- Clamp cover (lift off), with security chain
- Mounting feet top and bottom
- Weld nuts for mounting optional sub panels (6 x 4 & larger)
- External clamps for securing cover
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish

SIZES: 4x4x3 - 16x14x6







B-CH

(i.e. B161406CH)

- Industrial (NEMA 12)
- Seam welded construction
- Continuous hinged cover
- Mounting feet top and bottom
- Weld nuts for mounting optional sub panel (6x4 & larger)
- External clamps for securing cover
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish

SIZES: 4x4x3 - 16x14x10





BCH, LARGE JIC, continuous hinged enclosures

B-CH

(i.e. B201607CH)

- Industrial (NEMA 12)
- Seam welded construction
- Continuous hinge
- Mounting feet top and bottom
- Collar studs for mounting optional sub panel
- External clamps for securing cover
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish

SIZES: 20x16x7 - 36x30x13





BCHQR, quick release continuous hinged enclosures

B-CHQR

(i.e. B100804CHQR)

- Industrial (NEMA 12)
- Seam welded construction
- Quick release clamps
- Mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish

SIZES: 6x4x3 - 16x14x6





B-SC

(i.e. B060604SC)

- Industrial (NEMA 12)
- Seam welded construction
- Captivated screws secure cover
- Mounting feet top and bottom
- Weld nuts for mounting optional sub panel (6x4 & larger)
- Closed cell neoprene gasket
- ANSI 61 polyester powder

SIZES: 4x4x3 - 16x14x6





WA-GIE

(i.e. WA060604GIE)

- Industrial (NEMA 12)
- Seam welded construction
- Continuous hinged cover
- Captivated screws secure cover
- No mounting feet
- Weld nuts for mounting optional sub panel
- Closed cell neoprene gasket
- ANSI polyester powder finish
- SIZES: 6x6x4 -14x12x6





JIC

(i.e. JIC040202)

- Industrial (NEMA 12)
- Seam welded construction
- Drawn screw cover
- Less weld nuts
- Mounting feet top and bottom
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish
- SIZES: 4x2x2 4x4x3





N12

(i.e. N12161206)

- Industrial (NEMA 12)
- Plasma (seam) welded construction
- No grinding or vibrating
- Mounting feet top and bottom
- Collar studs for mounting optional sub panel
- External clamps for securing cover
- Continuous hinge with stainless pin
- Rolled lip on cover and tub
- Stiffeners
- · Hasp and staple
- Print pocket
- Poured in place gasket on 36 x 30 and smaller
- ANSI 61 polyester powder
- SIZES: 16x12x6 72 x30x16 (some sizes also in 20" AND 24" deep)





WAWF enclosures

WA-WF

(i.e. WA244208WF)

- Industrial (NEMA 12)
- Seam welded construction
- Double overlapping doors
- Continuous hinges
- Wall mounting feet top and bottom
- 3pt key locking handle
- Rolled lip on tub
- Stiffeners
- Print pocket
- Collar studs for mounting optional sub panels
- ANSI 61 polyester powder finish

SIZES: 24x42x8 - 48x48x12



Designed primarily for <u>indoors</u>



WAFM enclosures

WA-FM

(i.e. WA161206FM)

- Industrial (NEMA 12)
- Flush mount
- Plasma (seam) welded construction
- No grinding or vibrating
- Flush single door
- Captivated screws secure cover
- Continuous hinged door
- Rolled lip on tub
- Stiffeners
- Print pocket
- Poured in place gasket on 36 x 30 and smaller
- ANSI 61 polyester powder finish
- SIZES: 16x12x6 36x30x8





N12, FLOOR MOUNT enclosures

N12

(i.e. N12604808)

- Industrial (NEMA 12)
- Continuous seam welded design
- Rolled lip on tub
- Double overlapping door design
- 3pt key locking/padlocking handle
- Closed cell neoprene gasket
- Print pocket
- 12" floor kit
- Collar studs for mounting optional sub panel
- Heavy duty continuous hinges
- Heavy duty lifting eyes
- Body stiffeners
- Panel supports
- ANSI 61 polyester powder finish

SIZES: 54x42x8 - 72x72x24





WAFS enclosures

WA-FS, WA-FSD, WA-FSDA & WA-FSDAD

(i.e. WA722418FS)

- Industrial (NEMA 12)
- Continuously welded design
- Freestanding design (no legs)
- Unistrut for mounting optional sub panels
- Heavy duty continuous hinge
- Rolled lip on tub
- 3pt keylocking/padlocking handle
- Print pocket
- Closed cell neoprene gasket
- Heavy duty lifting eyes
- ANSI 61 polyester powder finish
- SIZES: 60x24x18 90x72x36

FS = single door front access only

FSD = double door front access only

FSDA = single door front and rear

access

FSDAD = double door front and rear access



NOTE !! FSDA = dual access



WAME, MULTI DOOR enclosures

WA-M-E

(i.e. WA86M5E20)

- Industrial (NEMA 12)
- Continuously seam welded design
- Freestanding design
- 3pt keylocking/padlocking handles
- Rolled lip on tub
- Stiffeners
- Heavy duty lifting eyes
- Print pocket
- Light mounting channels
- Panel mounting supports
- Heavy duty continuous hinges
- Closed cell neoprene gasket
- Sub panels (installed)
- ANSI 61 polyester powder finish
- SIZES: 3, 4 and 5 doors in various sizes





T-CH

(i.e. T4460CH)

- Industrial (NEMA 12)
- 14 gauge carbon steel
- Continuously welded seams
- Continuous hinge
- Covers secured with external clamps
- Closed cell oil resistant neoprene gasket
- External mounting feet
- ANSI 61 polyester powder
- Sizes: 2 1/2"x2 1/2"x12" 12"x12"x60"





JW, LJW Wire way

(i.e. JW44, LJW44)

- Industrial (NEMA 12)
- 14 gauge carbon steel bodies,10 gauge end flanges (6x12 bodies/covers fabricated from 12 gauge)
- Continuously welded seams
- Butt hinge cover design
- Covers secured (JW=twist clamps, LJW=quick release)
- Closed cell oil resistant neoprene gasket
- Solid end gasket kits
- ANSI 61 polyester powder
- Sizes: 2 1/2", 4", 6", 8", (6"x12" on LJW only)



JW Series (pull thru design)



LJW Series (Lay-in design)



OPERATOR INTERFACE

NEMA 12 & 4 enclosures

W1C, CONSOLES, NEMA 12

WC9, CONSOLES, NEMA 12

WC10, CONSOLES, NEMA 12

WC12, CONSOLES, NEMA 12

WC14, CONSOLES, NEMA 12

WCC, CONSOLETS, NEMA 12

CCL, PEDESTAL COLUMNS & BASES, NEMA 12

WPBA, SLOPING PB ENCLOSURES, NEMA 12

PB, 30.5mm PB ENCLOSURES, NEMA 4

PBGX, 22.5mm PB ENCLOSURES, NEMA 12

PBXD, 30.5mm PB ENCLOSURES, NEMA 4

PSL, 30.5mm PB ENCLOSURES, N12

PBYX, 30.5mm PB ENCLOSURES, N12

Please refer to engineering catalog for technical information on these products.























- 31) B121005 has what kind of cover?
- a) Continuous hinge
- b) Lift off
- c) Screw cover
- d) None of the above
- 32) BN4141206CH has what kind of cover?
- a) Continuous hinge
- b) Lift off
- c) Screw cover
- d) None of the above
- 33) A BN4141206CH has clamps on four sides of the cover.
- a) True
- b) False
- 34) A B060604SC has clamps around how many sides of the cover?
- a) One
- b) Three
- c) Four
- d) None of the above
- 35) Large JIC enclosures have four wall mounting feet not two.
- a) True
- b) False

- 36) WAGIE enclosures use clamps to secure the cover.
- a) True
- b) False
- WAGIE enclosures have how many mounting feet?
- a) two
- b) four
- c) none
- 38) Single door wall mount NEMA12 enclosures (ref: N12161206) have how many mounting feet?
- a) 2
- b) 6
- c) 8
- d) 4
- 39) NEMA 12 wall mounting feet have two slots and two clearance holes.
- a) True
- b) False

- 40) NEMA12 wall mounts (ref: N12161206) have door clamps located top and bottom of door.
- a) True
- b) False
- 41) A N12242408 takes what size sub panel?
- a) NP2024
- b) NP2424
- c) NP2420
- 42) N12242008 enclosures are continuously welded and meet NEMA4.
- a) True
- b) False
- 43) N12161206 enclosures are fabricated from what type of metal?
- a) Carbon steel
- b) Galvanized steel
- c) Stainless steel
- d) None of the above
- 44) WA364212WF is a single door enclosure.
- a) True
- b) False



- 45) WA484812WF enclosures have what type of a handle?
- a) 1pt keylocking handle
- b) 2pt keylocking handle
- c) 3pt keylocking handle
- d) 3pt padlocking handle
- 46) All "WAWF" wall mounts have six wall mounting feet.
- a) True
- b) False
- 47) All "WAWF" enclosures come standard with a sub panel included.
- a) True
- b) False
- 48) "WAWF" enclosures meet what NEMA rating?
- a) NEMA12
- b) NEMA 3R
- c) NEMA 4
- d) NEMA4X
- 49) WA161206FM enclosures are surface mount and cannot be flush mounted.
- a) True
- b) False
- 50) Doors on WA161206FM are secured via what type of hardware?
- a) Quick release clamps
- b) Hasp and staple
- c) 1pt keylocking handle
- d) Captivated screws



- 51) WA161206FM's meet NEMA 4X.
- a) True
- b) False
- 52) N12606012 enclosures have what size floor kits?
- a) 12" tall
- b) 15" tall
- c) 20" tall
- d) 24" tall
- 53) N12606012 enclosures have what type of handle?
- a) Keylocking
- b) Padlocking
- N12606012 have what type of door arrangement?
- a) Double overlapping
- b) Single door
- c) Double independent doors with removable center post
- N12606012 have white interiors?
- a) True
- b) False



- Sub panels in N12606012's are designed to be mounted how?
- a) On studs
- b) On unistrut
- c) None of the above
- 57) N12606012 enclosures meet what NEMA rating?
- a) NEMA4
- b) NEMA4X
- c) None of the above
- 58) WA722418FS enclosures have what type of door access?
- a) Single door single access
- b) Two door dual access
- c) Single door dual access
- 59) Sub panels are mounted on what when installing them into a WA723624FS?
- a) Unistrut
- b) Studs
- c) None of the above
- 60) A WA727224FSD has two doors.
- a) True
- b) False
- 61) A WA727224FSDA has how many doors?
- a) 2
- b) 3
- c) 4
- d) 6



- 62) A WA722424FSDA has how many doors?
- a) 2
- b) 1
- c) 3
- d) 4
- How many 3pt handles are there on a WA722424FSDA?
- a) 2
- b) 4
- 64) A WA86M3E enclosure has how many doors?
- a) 2
- b) 3
- c) 4
- WA86M4E enclosures have what type of handles?
- a) Keylocking
- b) Padlocking
- Sub panels are included within WA86M4E enclosures.
- a) True
- b) False

Product Quiz Answers

| Question Number | Question Number | Question Number | Question Number |
|------------------------|------------------------|------------------------|-----------------|
| 31) B | 42) B | 53) A | 64) B |
| 32) A | 43) A | 54) A | 65) B |
| 33) B | 44) B | 55) B | 66) A |
| 34) D | 45) C | 56) A | |
| 35) A | 46) A | 57) C | |
| 36) B | 47) B | 58) A | |
| 37) C | 48) A | 59) A | |
| 38) D | 49) B | 60) A | |
| 39) A | 50) D | 61) A | |
| 40) B | 51) B | 62) A | |
| 41) B | 52) A | 63) A | |



Traditional NEMA Products

NEMA 4 enclosures

BN4, JIC LIFT-OFF COVER SERIES, NEMA 4
BN4CH, JIC CONTINUOUS HINGE SERIES, NEMA 4
WAGSC, SCREW COVER, NEMA4
BCHFTC, JIC CONTINUOUS HINGE SERIES FTC FLANGE, NEMA 4
N412C, SINGLE DOOR WALL MOUNT SERIES, NEMA 4
N4123PTC, SINGLE DOOR WITH 3PT HANDLE, NEMA 4
N412CST, SINGLE DOOR SLOPE TOP, NEMA 4
N412WC, SINGLE DOOR WINDOW SERIES, NEMA 4
N4, SINGLE DOOR WALL MOUNT SERIES, NEMA 4
N4D, TWO DOOR FLOOR MOUNT SERIES, NEMA 4
N4D3PT, TWO DOOR 3PT HANDLES, NEMA 4
N4SFS, SINGLE DOOR FREESTANDING SERIES, NEMA 4
WAFSN43PT, FREESTANDING WITH 3 PT HANDLE, NEMA 4



























BN4

(i.e. BN4141206)

- Industrial (NEMA4)
- Seam welded construction
- Clamp cover (lift off)
- Mounting feet top and bottom
- Stainless clamps for securing cover
- Weld nuts for mounting optional sub panel
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish
- SIZES: 4x4x3 16x14x6







BN4-CH

(i.e. BN4100804CH)

- Industrial (NEMA 4)
- Seam welded construction
- Continuous hinge
- Stainless hinge pin
- Mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Stainless external clamps for securing cover
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish
- SIZES: 4x4x3 16x14x6





WA-GSC

(i.e. WA060604GSC)

- Industrial (NEMA 4)
- Seam welded construction
- Closed cell neoprene gasket
- Screw Cover design
- Captivated stainless cover screws
- Painted version offers a ANSI 61 polyester powder finish
- Galvanized version is unpainted

SIZES: 6x6x4 - 36x36x12







B-CHFTC

(i.e. B1614065CHFTC)

- Industrial (NEMA 4)
- Seam welded construction
- FTC style flange around door opening
- Closed cell neoprene gasket
- Continuous hinge
- Quick release clamps for securing door
- ANSI 61 polyester powder finish
- External mounting feet
- Weld nuts for mounting optional sub panel
- SIZES: 6x4x4 ½ 16x14x6 1/2







N412-C, N412-3PTC & N412-CST (i.e. N412161206C, N4122016063PTC, N412302408CST)



- ALSO AVAILABLE IN SLOPE TOPS (CST)
- Plasma (seam) welded
- No grinding or vibrating
- Interchangeable doors
- Lift off hinges
- 1/4 turn oil tight latches or 3PT combo handle
- Print pocket
- Poured in place gasket (36 x 30 and smaller)
- Collar studs for mounting optional sub panel
- Body stiffeners
- ANSI 61 polyester powder finish
- Optional mounting foot kits available
- SIZES: 12x12x6 60x36x12





3PTC

Designed primarily for outdoors



CST



N412WC enclosures

N412-WC

(i.e. N412161206WC)

- Industrial (NEMA 4
- Plasma (seam) welded
- No grinding or vibrating
- Interchangeable doors
- Lift off hinges
- 1/4 turn oil tight latches
- Plexiglas viewing window
- Poured in place gasket (36x30 and smaller)
- Collar studs for mounting optional sub panel
- Body Stiffeners
- ANSI 61 polyester powder finish
- Optional mounting foot kits available
- SIZES: 12x12x6 30x24x20



N4 enclosures



N4

(i.e. N4161206)

- Industrial (NEMA4)
- Plasma (seam) welded
- No grinding or vibrating
- Rolled lip on door and tub
- Stainless door clamps
- Stainless hinge pin
- Continuous hinge
- Hasp and staple
- Print pocket
- Wall mounting feet top and bottom
- Poured in place gasket (36 x 30 and smaller)
- Collar studs for mounting optional sub panel
- Clamps can be replaced with 3PT handle
- Door and body stiffeners

SIZES: 16x12x6 - 60x36x16





N4D & N4D-3PT

(i.e. N4D624810, N4D7472123PT)

- Industrial (NEMA4)
- Continuously welded design
- Rolled lips on doors and tub
- Stainless door clamps
- Hasp and staples or 3PT handles (N4D-3PT)
- Collar studs for mounting optional sub panel
- X type body stiffener
- Heavy duty continuous hinge
- Stainless pin
- Print pocket
- 12" Floor kits
- Heavy duty lifting eyes
- Removable center post
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish
- SIZES: 62x48x10 74x72x24







N4SFS & WAFSN43PT enclosures

N4S-FS & WA-FSN43PT

(i.e. N4S722518FS, WA723018FSN43PT)

- Industrial (NEMA 4)
- Continuously welded design
- Rolled lips on door and tub
- Stainless door clamps or 3PT handle (WA-FSN43PT)
- Hasp and staple
- Unistrut for mounting optional sub panels
- Heavy duty continuous hinge
- Stainless pin
- Freestanding design (no floor kits)
- Print pocket
- Heavy duty lifting eyes
- Clamps can be replaced with 3PT handle
- Closed cell neoprene gasket
- ANSI 61 polyester powder finish
- SIZES: 60x24x18 90x36x36





- N412 enclosures (ref: N412161206) have wall mounting feet welded to their backs.
- a) True
- b) False
- 68) N412 enclosures are provided with a ¼ turn latches for easy access.
- a) True
- b) False
- 69) N412 enclosure doors are interchangeable.
- a) True
- b) False
- 70) N412 enclosures meet what NEMA rating?
- a) NEMA12
- b) NEMA4
- c) All of the above
- 71) Optional mounting foot kits are available for mounting enclosures against wall (ref: N412161206).
- a) True
- b) False



| 72) | At what height does a N412 enclosure come with a 3pt latch? |
|----------------|---|
| a) b) c) | 36" 40" 48" |
| 73) bottom. | N412 optional wall mounting feet can be mounted on the enclosure sides as well as the top and |
| a) b) | True False |
| 74) | N412 enclosures come standard with sub panels installed. |
| a) b) | True False |
| 75) | N4242006 enclosures have clamps around how many sides of the door? |
| a) b) c) | 1 2 3 |
| 76) | What type of door clamps are on a N4201606? |
| a) b) | Plated Stainless |

- 77) How many mounting feet are there on a N4242408 enclosure?
- a)
- 2 4 6 b)
- c)
- 78) A N4D626012 enclosure has double overlapping doors.
- a) True
- b) False
- 79) A N4D626012 enclosure has what dividing its two doors?
- A removable center post a)
- b) 3pt keylocking handle
- 80) N4D enclosures come standard with what size floor kits?
- a)
- 12" b)
- 4" c)
- N4S722518FS are floor mounted on 12" high legs. 81)
- a) True
- False b)



- What are used to secure doors on N4S722518FS enclosures?
- a) Stainless clamps
- b) Hasp and staple
- c) 3pt padlocking handle
- d) a & b
- 83) N4S722518FS enclosures use what method to mount sub panels?
- a) Unistrut
- b) Studs
- c) No method provided
- 84) A "BN4" is what type of enclosure?
- a) NEMA4
- b) NEMA12
- c) NEMA1
- d) NEMA3R
- How many sides have clamps on a BN4100804 (ref: the lid).
- a) 2
- b) 3
- c) 4
- 86) The clamps surrounding the lid on a BN4100804 are:
- a) Zinc Plated
- b) Stainless steel
- c) Galvanized



- What does the "CH" stand for in the following part number: BN4100804CH?
- a) Lift off cover
- b) Cut outs and holes
- c) Continuous hinged
- d) None of the above
- How many studs are in BN4 type enclosures (excluding BN4040403)?
- a) 2
- b) 3
- c) always 4
- d) Sometimes 6
- 89) Jic sub panels that go into BN4 type enclosures are fabricated from what gauge of material?
- a) 12 gauge
- b) 11 gauge
- c) 10 gauge
- d) 14 gauge

Product Quiz Answers

| Question Number | Question Number | Question Number |
|-----------------|-----------------|-----------------|
| 67) B | 78) B | 89) D |
| 68) A | 79) A | |
| 69) A | 80) B | |
| 70) C | 81) B | |
| 71) B | 82) D | |
| 72) B | 83) A | |
| 73) A | 84) A | |
| 74) B | 85) C | |
| 75) C | 86) B | |
| 76) B | 87) C | |
| 77) B | 88) C | |



Traditional NEMA Products, "STAINLESS"

NEMA 4X enclosures

BN4SS, JIC LIFT-OFF COVER SERIES, NEMA 4X

BN4CHSS, JIC CONTINUOUS HINGE SERIES, NEMA 4X

BN4AL, JIC LIFT-OFF COVER ALUMINUM SERIES, NEMA 4X

BN4CHAL, JIC HINGE COVER ALUMINUM SERIES, NEMA 4X

SSN4, SINGLE DOOR WALL MOUNT SERIES, NEMA 4X

SSN43PT, SINGLE DOOR WALLMOUNT 3PT HANDLE SERIES, NEMA

SSN43PTW, SINGLE DOOR, WHITE, 3PT HANDLE SERIES, NEMA 4X

ALN4, SINGLE DOOR WALL MOUNT ALUMINUM SERIES, NEMA 4X

N412SSC, SINGLE DOOR WALL MOUNT SERIES, NEMA 4X

N412SS3PTC, SINGLE DOOR WITH 3PT HANDLE, NEMA 4X

N412CSSST, SINGLE DOOR SLOPE TOP, NEMA 4X

N412WSSC, SINGLE DOOR WINDOW SERIES, NEMA 4X

SSN4WF3PT, DOUBLE DOOR WALLMOUNT SERIES, NEMA 4X

SSN4D, TWO DOOR FLOOR-MOUNT, NEMA 4X

SSN4D3PT, TWO DOOR FLOOR-MOUNT, 3PT, NEMA 4X

N4SFSSS SINGLE DOOR FREESTANDING SERIES, NEMA 4X

WASSFSN43PT & WASSFSDN43PT FREESTANDING ENCLOSURE SERIES, NEMA 4X

PBSS & PBXDSS, PUSH BUTTON SERIES ENCLOSURES, NEMA 4X

WAFSSS & WAFSDSS, SINGLE AND TWO DOOR FREESTANDING SERIES, N12

WC-CSS, CONSOLET SERIES, NEMA 12

CCOLSS & BASESSS, PEDESTAL AND BASE SERIES, NEMA 12

SSJW, STAINLESS WIREWAY, NEMA 12

STAINLESS ACCESSORIES









BN4-SS

(i.e. BN4080604SS)

- Industrial (NEMA 4X)
- 304 Stainless steel
- Closed cell neoprene gasket
- External mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Stainless clamps
- Lift off cover
- Grained finish
- SIZES: 4x4x3 16x14x6





BN4CHSS enclosures

BN4-CHSS

(i.e. BN4141206CHSS)

- Industrial (NEMA 4X)
- 304 stainless steel
- Seam welded construction
- Closed cell neoprene gasket
- External mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Stainless clamps
- Continuous hinge
- Grained finish
- 316 stainless steel also stocked
- SIZES: 6x4x4 16x14x6





BN4-AL

(i.e. BN4161406AL)

- Industrial (NEMA 4X)
- .080 Aluminum
- Closed cell neoprene gasket
- External mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Stainless clamps
- Lift off cover
- Grained finish
- SIZES: 6x6x4 16x14x6





BN4-CHAL

(i.e. BN4080603CHAL)

- Industrial (NEMA4X)
- .080 Aluminum
- Closed cell neoprene gasket
- External mounting feet top and bottom
- Weld nuts for mounting optional sub panel
- Stainless clamps
- Lift off cover
- Grained finish
- SIZES: 6x6x4 16x14x6





N412SSC, N412WSSC, N412SS3PTC & N412CSSST

N412-SSC, N412-WSSC, N412-SS3PTC & N412-CSSST

(i.e. N412161206SSC, N412161206WSSC)

- Industrial (NEMA 4X)
- ALSO AVAILABLE IN SLOPE TOPS!!!
- Continuously welded
- 304 & 316 Stainless steel
- Interchangeable doors
- Lift off hinges
- 1/4 turn oil tight latches or door combo handle
- Print pocket
- Poured in place gasket (36x30 and smaller)
- Collar studs for mounting optional sub panel
- Body stiffeners
- Optional mounting foot kits available
- SIZES: 12x12x6 60x36x12



WSSC



CSSST

Designed primarily for <u>outdoors</u>



SS3PTC



SSN4

(i.e. SSN4161206, SSN4244808WF3PT)

- Industrial (NEMA4X)
- 304 & 316 stainless
- Single or double door wall mounts
- With clamps or combo handles
- Continuously welded seams
- Mounting feet top and bottom
- Collar studs for mounting optional sub panel
- Stainless external clamps for securing cover
- Continuous hinge with stainless pin
- Rolled lip on cover and tub
- Also in white finish over stainless (SSN4-3PTW)
- Hasp and staple
- Print pocket
- Clamps can be replaced with 3PT handle
- Poured in place gasket on 36x30 and smaller
- SIZES: 16x12x6 60x36x16









ALN4

(i.e. ALN4302412)

- Industrial (NEMA4X)
- .080 aluminum
- Single door wall mounts
- Continuously welded seams
- Mounting feet top and bottom
- Collar studs for mounting optional sub panel
- External clamps for securing cover
- Continuous hinge with stainless pin
- Rolled lip on cover and tub
- Hasp and staple
- Print pocket
- Poured in place gasket on 36x30 and smaller
- SIZES: 16x12x6 60x36x12







SSN4D & SSN4D-3PT

(i.e. SSN4D624812, SSN4D7460123PT)

- Industrial (NEMA 4X)
- Continuously welded design
- Rolled lips on doors and tub
- Stainless door clamps or 3PT combo handles
- Hasp and staples
- Collar studs for mounting optional sub panel
- X type body stiffener
- Heavy duty continuous hinge
- Stainless pins
- 12" floor kits
- Heavy duty lifting eyes
- Clamps can be replaced with 3PT handle
- Removable center post
- Closed cell neoprene gasket







N4SFSSS, WASSFSN43PT & WASSFSDN43PT enclosures

N4S-FSSS, WA-SSFSN43PT & WA-SSFSDN43PT

(i.e. N4S722518FSSS, WA723018SSFSN43PT)

- Industrial (NEMA 4X)
- Fabricated from 304 stainless
- 316 stainless (also available as standard)
- Continuously welded design
- Rolled lips on door and tub
- Stainless door clamps or 3 PT combo handle
- Hasp and staple
- Unistrut for mounting optional sub panels
- · Heavy duty continuous hinge
- Stainless pin
- Freestanding design (no floor kits)
- Print pocket
- Heavy duty lifting eyes
- Clamps can be replaced with 3PT handle
- Closed cell neoprene gasket
- Standard grained finish







Designed primarily for <u>outdoors</u>



PBSS, PBXD-SS (i.e. PBSS1, PBXD16SS)

- Industrial (NEMA 4X)
- Fabricated from 304 stainless steel
- Continuously welded seams
- Closed cell neoprene gasket
- External mounting feet top and bottom
- Captivated cover screws
- Standard "4-way" pushbutton holes
- Internal detachable hinges on larger sizes
- Standard grained finish



Designed primarily for <u>outdoors</u>



SSJW

(i.e. SSJW44)

- Industrial (NEMA 12, NEMA 4X pending)
- 304 stainless steel
- Hinged cover
- Continuously welded seams
- Closed cell neoprene gasket
- Heavy duty butt hinges
- Quick-screw-clamps secure cover
- Solid joint (end) gasket provided
- Standard grained finish
- Sizes: 4" & 6"



Designed primarily for indoors

NEMA 12 "Stainless" enclosures

NEMA 12 stainless enclosures

WAFSSS & WAFSDSS, SINGLE AND TWO DOOR FREESTANDING SERIES, NEMA 12 PBSS & PBXDSS, PUSH BUTTON SERIES ENCLOSURES, NEMA 12 WC-CSS, CONSOLET SERIES, NEMA 12 CCOLSS & BASESSS, PEDESTAL AND BASE SERIES, NEMA 12 SSJW, STAINLESS WIREWAY & FITTINGS, NEMA 12











WAFSSS enclosures

(i.e. WA722418FSSS)

- Industrial (NEMA 12)
- 304 stainless construction
- Single and double door available
- Continuously welded design
- Freestanding design (no legs)
- Unistrut for mounting optional sub panels
- Heavy duty continuous hinge
- Rolled lip on tub
- 3pt keylocking/padlocking handle
- Print pocket
- Closed cell neoprene gasket
- Heavy duty lifting eyes
- Standard grained finish



Designed primarily for indoors





WC-C-SS (WC12C12SS)

- Industrial (NEMA 12, NEMA4X pending)
- 304 Stainless steel
- Continuously welded seams
- Captivated cover screws
- Sloped and hinged control panel
- closed cell neoprene gasket
- Control surfaces can be mounted 30 or 60 degrees
- Standard grained finish



Designed primarily for indoors

WIEGMANN.

Product Quiz

- 90) ALN4161206 enclosures meet what NEMA rating?
- a) NEMA6
- b) NEMA9
- c) NEMA4X
- d) None of the above
- 91) ALN4 enclosures are fabricated from what gauge material?
- a) .080
- b) .125
- c) .250
- 92) BN4100804CHSS enclosures are fabricated from 304 stainless steel and are also available in 316 stainless.
- a) True
- b) False
- 93) SSN4161206 enclosures meet what NEMA rating?
- a) NEMA6
- b) NEMA9
- c) NEMA4X
- d) None of the above
- 94) A SSN4X242108 is what type of enclosure?
- a) Standard NEMA 4 wall mount
- b) Stainless right flange NEMA 4X disconnect
- c) NEMA1 enclosure



Product Quiz

- 95) SSN4D6224812 enclosures have a removable center post.
- a) True
- b) False
- 96) SSN4D624812 have two hasp and staples.
- a) True
- b) False
- 97) SSN4D enclosures are mounted on what size floor kit?
- a) 16"
- b) 15"
- c) 12"
- d) 8"
- 98) What best describes the door arrangement of a SSN4D624812?
- a) Double independent
- b) Double overlapping
- c) Single door
- d) None of the above
- 99) A SSJW41 is what type of product?
- a) Wireway section
- b) Fitting
- c) NEMA4 enclosure
- d) None of the above

Product Quiz

- 100) SSJW products are used in what type of environments?
- a) Very corrosive environments
- b) Contractor/Commercial
- c) Industrial applications
- d) A & C
- 101) SSJW product is not gasketed.
- a) True
- b) False

Product Quiz Answers

Question Number

90) C

91) A

92) A

93) C

94) B

95) A

96) A

97) C

98) A

99) A

100) D

101) B

WIEGMANN.

Disconnect enclosures

NEMA 12, 4 & 4X disconnect enclosures

ABN12, RIGHT FLANGED SINGLE DOOR, NO DOOR HANDLE, NEMA 12

SDN12, RIGHT FLANGED SINGLE DOOR, NO DOOR HANDLE, NEMA 12

SDN12PL, RIGHT FLANGED SINGLE DOOR, WITH DOOR HANDLE, NEMA 12

SN4, RIGHT FLANGED SINGLE DOOR, NO DOOR HANDLE, NEMA 4

SSN4X, RIGHT FLANGED SINGLE DOOR, NO DOOR HANDLE, NEMA 4X

N412CD, RIGHT FLANGED SINGLE DOOR, WITH DOOR HANDLE, NEMA 4

N412CDSS & N412CDSSA, RIGHT FLANGED SINGLE DOOR, WITH DOOR HANDLE, NEMA 4X

N412CSTD, RIGHT FLANGED SINGLE DOOR, SLOPE TOP, WITH DOOR HANDLE, NEMA 4

N412CSSSTD, RIGHT FLANGED SINGLE DOOR, SLOPE TOP, WITH DOOR HANDLE, NEMA 4X

WAXU, RIGHT FLANGED, DOUBLE DOOR, FLOOR MOUNT, N12

WAXSSN4, RIGHT FLANGED, DOUBLE DOOR, FLOOR MOUNT, N4X

WACPXU, CENTER POST, DOUBLE DOOR, FLOOR MOUNT, N12

WACPXSSN4, CENTER POST, DOUBLE DOOR, FLOOR MOUNT, N4X

WAXMU, RIGHT FLANGED, SINGLE AND DOUBLE DOOR, FREESTANDING, N12

WAXMSSN4, RIGHT FLANGED, SINGLE AND DOUBLE DOOR, FREESTANDING, N4X

WAXMEQU & WAXMEWU, RIGHT FLANGED, 3 4 and 5 DOOR, N12

WMOD & WMODXU, RIGHT FLANGED, MODULAR, SINGLE AND DOUBLE DOOR, FREESTANDING, N12

Please refer to the engineering catalog for technical information on these products.





















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