

Control Enclosures

Adalet's Single Door Clamped Control Enclosures are available in stainless steel 316L & 304. Adalet can also supply custom size enclosures, operators, and wiring of devices to rail mounted terminal blocks to suit your Increased Safety application. Silicone gaskets, removeable hinge pin, box & cover ground studs including an external earthing stud, along with internal standoffs for mounting pans are included as standard.

STANDARD FEATURES

- 68 standard sizes available
- Stainless steel quarter turn latch with 3mm double bit insert (includes key)
- Continuous one-piece water tight silicone gasket
- Continuous piano hinge with removable stainless steel pin
- Ground stud on box and cover
- External earth stud
- Wall mounting feet (vertical or horizontal)

DESIGN OPTIONS

- Gland plates (6" deep or greater) can be supplied pre-drilled or blank for field drilling
- Mounting panels
- Drilled entries and cut-outs
- Adalet EH series Exe operators
- Legend plates and lamacoid or stainless steel name plates
- Breather / drain & stopping plugs
- Terminal block assemblies
- Stainless steel mounting panels
- Cable glands and conduit fittings
- Internal earth bar

MATERIAL

- Type 304 or 316L Stainless Steel
- Enclosure and cover constructed from 14 gauge (.060) stainless steel with #3/4 brush finish
- Gland plates constructed from 10 gauge (.1046) stainless steel with a #3/4 brush finish
- Silicone gasket constructed from 1/4" Bisco silicone with acrylic PSA
- Gland plate gasket constructed from 1/8" Bisco silicone with acrylic PSA



CERTIFICATIONS

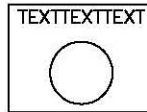
POPULATED ENCLOSURE

Class I, Division 2, Groups A, B, C, D
 Class II, Division 2, Groups F, G
 Class I, Zone 1, AEx d e mb IIC T6 (T5:Ta<+55 °C)
 NEMA Type 4X, 12, 13
 Ex d e mb IIC T6X (T5:Ta<+55 °C)
 Ex d e mb IIC T6(T5:Ta<+55 °C)
 Ex tD A21 IP66 T200 °C
 IECEx UL 09.0020X
 DEMKO 01 ATEX 130437X
 CE 0539 Ex II 2 G Ex d e mb IIC T6 (T5:Ta<+55 °C)
 CE 0539 Ex II 2 D Ex tD A21 IP66 T200 °C

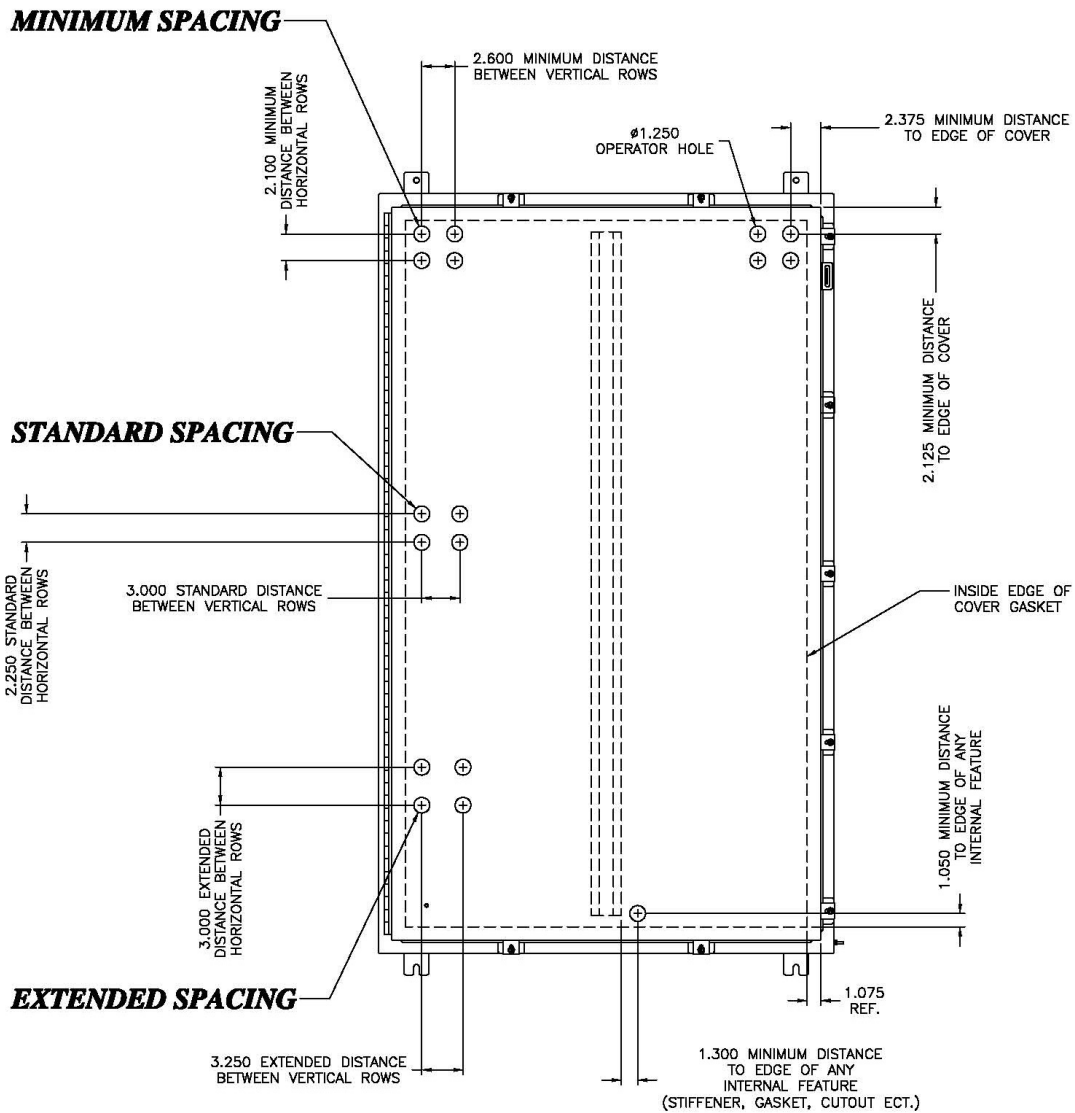
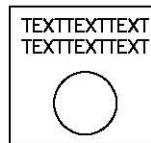


ADALET OPERATOR SPACING OPTIONS:

1. ADALET MINIMUM SPACING: MINIMUM ALLOWABLE SPACING, DOES NOT ALLOW FOR ANY LEGEND PLATES.
2. ADALET STANDARD SPACING: ALLOWS FOR STANDARD LEGEND PLATES FOR MAXIMUM ONE LINE OF ENGRAVED TEXT.



3. ADALET EXTENDED SPACING: ALLOWS FOR EXTENDED LEGEND PLATES FOR MAXIMUM TWO LINES OF ENGRAVED TEXT.



CONTROL ENCLOSURES

INCREASED SAFETY ENCLOSURES

INCHES

CN Series - Control Enclosure 316L Stainless Steel													
ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MOUNTING CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR					X	Y
CN4X6-161206	16	14	16	12	6	-	-	4	17.25	9.5	V1612	13	9
CN4X6-161606	16	14	16	16	6	-	-	4	17.25	10	V1616	13	13
CN4X6-162006	16	14	16	20	6	-	-	4	17.25	14	V2016	13	17
CN4X6-201606	16	14	20	16	6	-	-	4	21.25	10	V2016	17	13
CN4X6-202006	16	14	20	20	6	-	-	4	21.25	14	V2020	17	17
CN4X6-202406	16	14	20	24	6	-	-	4	21.25	18	V2420	17	21
CN4X6-241206	16	14	24	12	6	-	-	5	25.25	9.5	V2412	21	9
CN4X6-241606	16	14	24	16	6	-	-	5	25.25	10	V2416	21	13
CN4X6-242006	16	14	24	20	6	-	-	5	25.25	14	V2420	21	17
CN4X6-242406	16	14	24	24	6	-	-	5	25.25	18	V2424	21	21
CN4X6-302006	14	14	30	20	6	-	-	5	31.25	14	V3020	27	17
CN4X6-302406	14	14	30	24	6	-	-	5	31.25	18	V3024	27	21
CN4X6-362406	14	14	36	24	6	-	-	5	37.25	18	V3624	33	21
CN4X6-363006	14	14	36	30	6	REQ'D	-	7	37.25	24	V3630	33	27
CN4X6-161208	16	14	16	12	8	-	-	4	17.25	9.5	V1612	13	9
CN4X6-161608	16	14	16	16	8	-	-	4	17.25	10	V1616	13	13
CN4X6-162008	16	14	16	20	8	-	-	4	17.25	14	V1620	13	17
CN4X6-201608	16	14	20	16	8	-	-	4	21.25	10	V2016	17	13
CN4X6-202008	16	14	20	20	8	-	-	4	21.25	14	V2020	17	17
CN4X6-202408	16	14	20	24	8	-	-	4	21.25	18	V2024	17	21
CN4X6-241608	16	14	24	16	8	-	-	5	25.25	10	V2416	21	13
CN4X6-242008	16	14	24	20	8	-	-	5	25.25	14	V2420	21	17
CN4X6-242408	16	14	24	24	8	-	-	5	25.25	18	V2424	21	21
CN4X6-243008	14	14	24	30	8	-	-	7	25.25	24	V3024	27	21
CN4X6-302008	14	14	30	20	8	-	-	5	31.25	14	V3020	27	17
CN4X6-302408	14	14	30	24	8	-	-	5	31.25	18	V3024	27	21
CN4X6-303008	14	14	30	30	8	REQ'D	-	7	31.25	24	V3030	27	27
CN4X6-362408	14	14	36	24	8	-	-	5	37.25	18	V3624	33	21
CN4X6-363008	14	14	36	30	8	REQ'D	-	7	37.25	24	V3630	33	27
CN4X6-363608	14	14	36	36	8	REQ'D	REQ'D	7	37.25	30	V3636	33	33
CN4X6-423008	14	14	42	30	8	REQ'D	REQ'D	8	43.25	24	V4230	39	27
CN4X6-423608	14	14	42	36	8	REQ'D	REQ'D	8	43.25	30	V4236	39	33
CN4X6-483608	14	14	48	36	8	REQ'D	REQ'D	8	49.25	30	V4836	45	33
CN4X6-201610	16	14	20	16	10	-	-	4	21.25	10	V2016	17	13

Information is subject to change without notice

Measurements in inches

- NOTES**
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
 2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:

- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CONTROL ENCLOSURES

INCREASED SAFETY ENCLOSURES

CN Series - Control Enclosure 316L Stainless Steel

ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MOUNTING CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR					X	Y
CN4X6-202010	14	14	20	20	10	-	-	4	22.13	14	V2020	17	17
CN4X6-242010	14	14	24	20	10	-	-	5	26.13	14	V2420	21	17
CN4X6-242410	14	14	24	24	10	-	-	5	26.13	18	V2424	21	21
CN4X6-302410	14	14	30	24	10	-	-	5	32.13	18	V3024	27	21
CN4X6-362410	14	14	36	24	10	-	-	5	38.13	18	V3624	33	21
CN4X6-363010	14	14	36	30	10	REQ'D	-	7	38.13	24	V3630	33	27
CN4X6-423010	14	14	42	30	10	REQ'D	REQ'D	8	44.13	24	V4230	39	27
CN4X6-423610	14	14	42	36	10	REQ'D	REQ'D	8	44.13	30	V4236	39	33
CN4X6-483610	14	14	48	36	10	REQ'D	REQ'D	8	50.13	30	V4836	45	33
CN4X6-603610	14	14	60	36	10	REQ'D	REQ'D	9	62.13	30	V6036	57	33
CN4X6-201612	14	14	20	16	12	-	-	4	22.13	10	V2016	17	13
CN4X6-242012	14	14	24	20	12	-	-	5	26.13	14	V2420	21	17
CN4X6-242412	14	14	24	24	12	-	-	5	26.13	18	V2424	21	21
CN4X6-302412	14	14	30	24	12	-	-	5	32.13	18	V3024	27	21
CN4X6-303012	14	14	30	30	12	REQ'D	-	7	32.13	24	V3030	27	27
CN4X6-362412	14	14	36	24	12	-	-	5	38.13	18	V3624	33	21
CN4X6-363012	14	14	36	30	12	REQ'D	-	7	38.13	24	V3630	33	27
CN4X6-363612	14	14	36	36	12	REQ'D	REQ'D	7	38.13	30	V3636	33	33
CN4X6-423012	14	14	42	30	12	REQ'D	REQ'D	8	44.13	24	V4230	39	27
CN4X6-423612	14	14	42	36	12	REQ'D	REQ'D	8	44.13	30	V4236	39	33
CN4X6-483612	14	14	48	36	12	REQ'D	REQ'D	8	50.13	30	V4836	45	33
CN4X6-603612	14	14	60	36	12	REQ'D	REQ'D	9	62.13	30	V6036	57	33
CN4X6-242016	14	14	24	20	16	-	-	5	26.13	14	V2420	21	17
CN4X6-242416	14	14	24	24	16	-	-	5	26.13	18	V2424	21	21
CN4X6-302416	14	14	30	24	16	-	-	5	32.13	18	V3024	27	21
CN4X6-363016	14	14	36	30	16	REQ'D	-	7	38.13	24	V3630	33	27
CN4X6-423616	14	14	42	36	16	REQ'D	REQ'D	8	44.13	30	V4236	39	33
CN4X6-483616	14	14	48	36	16	REQ'D	REQ'D	8	50.13	30	V4836	45	33
CN4X6-603616	14	14	60	36	16	REQ'D	REQ'D	9	62.13	30	V6036	57	33
CN4X6-302420	14	14	30	24	20	-	-	5	32.13	18	V3024	27	21
CN4X6-363020	14	14	36	30	20	REQ'D	-	7	38.13	24	V3630	33	27
CN4X6-483620	14	14	48	36	20	REQ'D	REQ'D	8	50.13	30	V4836	45	33
CN4X6-603620	14	14	60	36	20	REQ'D	REQ'D	9	62.13	30	V6036	57	33
CN4X6-302424	14	14	30	24	24	-	-	5	32.13	18	V3024	27	21

INCHES

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Measurements in inches

- NOTES**
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
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For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

SEND ORDERS TO ORDERS@ADALET.COM

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CONTROL ENCLOSURES

INCREASED SAFETY ENCLOSURES

METRIC¹

CN Series - Control Enclosure 316L Stainless Steel													
ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MTG CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR		F	G		X	Y
CN4X6-161206	16	14	406.4	304.8	152.4	-	-	4	18.13	241.3	V1612	330.2	228.6
CN4X6-161606	16	14	406.4	406.4	152.4	-	-	4	18.13	254.0	V1616	330.2	330.2
CN4X6-162006	16	14	406.4	508.0	152.4	-	-	4	18.13	355.6	V2016	330.2	431.8
CN4X6-201606	16	14	508.0	406.4	152.4	-	-	4	22.13	254.0	V2016	431.8	330.2
CN4X6-202006	16	14	508.0	508.0	152.4	-	-	4	22.13	355.6	V2020	431.8	431.8
CN4X6-202406	16	14	508.0	609.6	152.4	-	-	4	22.13	457.2	V2420	431.8	533.4
CN4X6-241206	16	14	609.6	304.8	152.4	-	-	5	26.13	241.3	V2412	533.4	228.6
CN4X6-241606	16	14	609.6	406.4	152.4	-	-	5	26.13	254.0	V2416	533.4	330.2
CN4X6-242006	16	14	609.6	508.0	152.4	-	-	5	26.13	355.6	V2420	533.4	431.8
CN4X6-242406	16	14	609.6	609.6	152.4	-	-	5	26.13	457.2	V2424	533.4	533.4
CN4X6-302006	14	14	762.0	508.0	152.4	-	-	5	32.13	355.6	V3020	685.8	431.8
CN4X6-302406	14	14	762.0	609.6	152.4	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-362406	14	14	914.4	609.6	152.4	-	-	5	38.13	457.2	V3624	838.2	533.4
CN4X6-363006	14	14	914.4	762.0	203.2	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-161208	16	14	406.4	304.8	203.2	-	-	4	18.13	241.3	V1612	330.2	228.6
CN4X6-161608	16	14	406.4	406.4	203.2	-	-	4	18.13	254.0	V1616	330.2	330.2
CN4X6-162008	16	14	406.4	508.0	203.2	-	-	4	18.13	355.6	V1620	330.2	431.8
CN4X6-201608	16	14	508.0	406.4	203.2	-	-	4	22.13	254.0	V2016	431.8	330.2
CN4X6-202008	16	14	508.0	508.0	203.2	-	-	4	22.13	355.6	V2020	431.8	431.8
CN4X6-202408	16	14	508.0	609.6	203.2	-	-	4	22.13	457.2	V2024	431.8	533.4
CN4X6-241608	16	14	609.6	406.4	203.2	-	-	5	26.13	254.2	V2416	533.4	330.2
CN4X6-242008	16	14	609.6	508.0	203.2	-	-	5	26.13	355.6	V2420	533.4	431.8
CN4X6-242408	16	14	609.6	609.6	203.2	-	-	5	26.13	457.2	V2424	533.4	533.4
CN4X6-243008	14	14	609.6	762.0	203.2	-	-	7	26.13	609.6	V3024	533.4	685.8
CN4X6-302008	14	14	762.0	508.0	203.2	-	-	5	32.13	355.6	V3020	685.8	431.8
CN4X6-302408	14	14	762.0	609.6	203.2	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-303008	14	14	762.0	762.0	203.2	REQ'D	-	7	32.13	609.6	V3030	685.8	685.8
CN4X6-362408	14	14	914.4	609.6	203.2	-	-	5	38.13	457.2	V3624	838.2	533.4
CN4X6-363008	14	14	914.4	762.0	203.2	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-363608	14	14	914.4	914.4	203.2	REQ'D	REQ'D	7	38.13	762.0	V3636	838.2	838.2
CN4X6-423008	14	14	1066.8	762.0	203.2	REQ'D	REQ'D	8	44.13	609.6	V4230	990.6	685.8
CN4X6-423608	14	14	1066.8	914.4	203.2	REQ'D	REQ'D	8	44.13	762.0	V4236	990.6	838.2
CN4X6-483608	14	14	1219.2	914.4	203.2	REQ'D	REQ'D	8	50.13	762.0	V4836	1143.0	838.2
CN4X6-201610	16	14	508.0	406.4	254.0	-	-	4	22.13	254.0	V2016	431.8	330.2

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Measurements in inches

- NOTES**
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For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

CN Series - Control Enclosure 316L Stainless Steel

ENCLOSURE	GAUGE		OUTSIDE DIM.			STIFFENERS		CLAMPS #	MOUNTING CENTER		PANEL PART NO.	PANEL DIM.	
	BOX	DOOR	A	B	C	BOX	DOOR		X	Y			
CN4X6-202010	14	14	508.0	508.0	254.0	-	-	4	22.13	355.6	V2020	431.8	431.8
CN4X6-242010	14	14	609.6	508.0	254.0	-	-	5	26.13	355.6	V2420	533.4	431.8
CN4X6-242410	14	14	609.6	609.6	254.0	-	-	5	26.13	457.2	V2424	533.4	533.4
CN4X6-302410	14	14	762.0	609.6	254.0	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-362410	14	14	914.4	609.6	254.0	-	-	5	38.13	457.2	V3624	838.2	533.4
CN4X6-363010	14	14	914.4	762.0	254.0	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-423010	14	14	1066.8	762.0	254.0	REQ'D	REQ'D	8	44.13	609.6	V4230	990.6	685.8
CN4X6-423610	14	14	1066.8	914.4	254.0	REQ'D	REQ'D	8	44.13	762.0	V4236	990.6	838.2
CN4X6-483610	14	14	1219.2	914.4	254.0	REQ'D	REQ'D	8	50.13	762.0	V4836	1143.0	838.2
CN4X6-603610	14	14	1524.0	914.4	254.0	REQ'D	REQ'D	9	62.13	762.0	V6036	1447.8	838.2
CN4X6-201612	14	14	508.0	406.4	304.8	-	-	4	22.13	254.0	V2016	431.8	330.2
CN4X6-242012	14	14	609.6	508.0	304.8	-	-	5	26.13	355.6	V2420	533.4	431.8
CN4X6-242412	14	14	609.6	609.6	304.8	-	-	5	26.13	457.2	V2424	533.4	533.4
CN4X6-302412	14	14	762.0	609.6	304.8	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-303012	14	14	762.0	762.0	304.8	REQ'D	-	7	32.13	609.6	V3030	685.8	685.8
CN4X6-362412	14	14	914.4	609.6	304.8	-	-	5	38.13	457.2	V3624	838.2	533.4
CN4X6-363012	14	14	914.4	762.0	304.8	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-363612	14	14	914.4	914.4	304.8	REQ'D	REQ'D	7	38.13	762.0	V3636	838.2	838.2
CN4X6-423012	14	14	1066.8	762.0	304.8	REQ'D	REQ'D	8	44.13	609.6	V4230	990.6	685.8
CN4X6-423612	14	14	1066.8	914.4	304.8	REQ'D	REQ'D	8	44.13	762.0	V4236	990.6	838.2
CN4X6-483612	14	14	1219.2	914.4	304.8	REQ'D	REQ'D	8	50.13	762.0	V4836	1143.0	838.2
CN4X6-603612	14	14	1524.0	914.4	304.8	REQ'D	REQ'D	9	62.13	762.0	V6036	1447.8	838.2
CN4X6-242016	14	14	609.6	508.0	406.4	-	-	5	26.13	355.6	V2420	533.4	431.8
CN4X6-242416	14	14	609.6	609.6	406.4	-	-	5	26.13	457.2	V2424	533.4	533.4
CN4X6-302416	14	14	762.0	609.6	406.4	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-363016	14	14	914.4	762.0	406.4	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-423616	14	14	1066.8	914.4	406.4	REQ'D	REQ'D	8	44.13	762.0	V4236	990.6	838.2
CN4X6-483616	14	14	1219.2	914.4	406.4	REQ'D	REQ'D	8	50.13	762.0	V4836	1143.0	838.2
CN4X6-603616	14	14	1524.0	914.4	406.4	REQ'D	REQ'D	9	62.13	762.0	V6036	1447.8	838.2
CN4X6-302420	14	14	762.0	609.6	508.0	-	-	5	32.13	457.2	V3024	685.8	533.4
CN4X6-363020	14	14	914.4	762.0	508.0	REQ'D	-	7	38.13	609.6	V3630	838.2	685.8
CN4X6-483620	14	14	1219.2	914.4	508.0	REQ'D	REQ'D	8	50.13	762.0	V4836	1143.0	838.2
CN4X6-603620	14	14	1524.0	914.4	508.0	REQ'D	REQ'D	9	62.13	762.0	V6036	1447.8	838.2
CN4X6-302424	14	14	762.0	609.6	508.0	-	-	5	32.13	457.2	V3024	685.8	533.4

Information is subject to change without notice

Measurements in inches

- NOTES**
1. For stainless steel 304 constructions, substitute CN4X6 (SS316L Prefix) with CN4X (SS304 Prefix).
 2. Gland plate options area available on enclosure < 12 inches deep, consult factory for gland plates on enclosures > 10 inches deep.

Add the following suffixes for gland plates:

- A: Gland plate installed on TOP side of box
- B: Gland plate installed on BOTTOM side of box
- C: Gland plate installed on LEFT side of box
- D: Gland plate installed on RIGHT side of box

For multiple gland plates omit dashes. (i.e. CN4X6-161608-ABCD)

METRIC¹