

THREADED COVER

NOMINAL DIMENSIONS														
Catalog #	Box Inside Dimensions			Overall Dimensions			Mounting CL to CL		Cover Opening Dia.	Window Viewing Dia.	Flange Opening Dia.	Max. Conduit Size	Mount Bolt Size	Ship Weight lbs.
	W	L	D	A	B	C	E	F						
XJDH N4	4 1/8	4 1/8	3 7/8	5 5/16	5 5/16	4 7/8	6 3/16	3 3/4	3 3/4	-	-	2	3/8	5 3/4
XJDGCH N4	4 1/8	4 1/8	4 1/16	5 5/16	5 5/16	5 5/16	6 3/16	3 3/4	3 3/4	3	-	2	3/8	5
XJDFGCH N4**	4 1/8	4 1/8	4 1/16	5 5/16	5 5/16	5 5/16	6 3/16	3 3/4	2 7/8	3	2 3/4	2	3/8	6
XJSH N4	4 dia.	-	3 3/8	4 7/8	4 7/8	4 1/2	3 3/4	3 3/4	4	-	-	1	1/4	3
XJLH N4	6	6	4 7/8	7	7	6 1/8	8 3/8	5 1/4	5 3/8	-	-	2	3/8	11
XJLD4 N4	6	6	8 9/16	7	7	9 7/8	8 3/8	5 1/4	5 3/8	-	-	2	3/8	12
XJLGCH N4	6	6	3 7/8	7	7	6 3/16	8 3/8	5 1/4	5 3/8	4	-	2	3/8	11
XJTH N4	5 13/16	6 9/16	5 7/16	6 13/16	7 7/16	6 5/8	7 3/4	6	5 3/8	-	-	2	7/16	12 3/4
XJTGCH N4	5 13/16	6 9/16	4 5/16	6 13/16	7 7/16	6 5/8	7 3/4	6	5 3/8	4	-	2	7/16	12 3/4
XJTFGCH N4**	5 13/16	6 9/16	4 5/16	6 13/16	7 7/16	6 5/8	7 3/4	6	5 3/8	4	4 1/8	2	7/16	13
XJXH N4	4 3/4	4 3/4	4 3/16	5 3/4	5 3/4	5 1/2	6 3/4	4 3/4	4 5/8	-	-	2	1/4	7
XJXGCH N4	4 3/4	4 3/4	3 5/16	5 3/4	5 3/4	5 3/8	6 3/4	4 3/4	4 5/8	3	-	2	1/4	7
XJMH N4	6 3/4	6 3/4	10 3/16	7 3/4	7 3/4	11 11/16	9 1/8	6 1/4	7	-	-	2	3/8	22 1/2
XJMGCH N4**	6 3/4	6 3/4	9 1/8	7 3/4	7 3/4	11 1/2	9 1/8	6 1/4	7	5 1/4	5 3/8	2	3/8	22 1/2
XJMAH N4	6 13/16	6 13/16	7 3/16	7 13/16	7 13/16	8 1/16	9 1/8	6 1/4	7	-	-	2	3/8	17
XJMAGCH N4**	6 13/16	6 13/16	6 1/8	7 13/16	7 13/16	8 1/2	9 1/8	6 1/4	7	5 1/4	5 1/4	2	3/8	17
XJMCH N4	6 3/4	6 3/4	5 3/16	7 13/16	7 13/16	6 11/16	9 1/8	6 1/4	7	-	-	2	3/8	13 1/2
XJMGCH N4**	6 3/4	6 3/4	4 1/8	7 13/16	7 13/16	6 1/2	9 1/8	6 1/4	7	5 1/4	5 3/8	2	3/8	13 3/4
XJHAH N4	7 3/16	9 3/16	5 1/4	8 3/16	10 3/16	6 3/4	9 3/4	8 3/4	7	-	-	2	1/2	16 1/2
XJHAD6 N4	7 3/16	9 3/16	11	8 3/16	10 3/16	12 7/16	9 3/4	8 3/4	7	-	-	2	1/2	19 3/4
XJHAGCH N4	7 3/16	9 3/16	4 3/16	8 3/16	10 3/16	6 9/16	9 3/4	8 3/4	7	5 1/4	-	2	1/2	16 1/2
XJHBH N4	7 1/4	9 1/8	7 1/4	8 3/8	10 1/4	8 13/16	9 3/4	8 7/8	7	-	-	2	1/2	22
XJHBGCH N4	7 1/4	9 1/8	6 3/16	8 3/8	10 1/4	8 9/16	9 3/4	8 7/8	7	5 1/4	-	2	1/2	22
XJHCH N4	7 3/4	10 5/16	6 3/16	8 7/8	11 7/16	7 3/4	10 1/4	7 3/4	7	-	-	2	1/2	23 1/2
XJHCGCH N4	7 3/4	10 5/16	5 1/8	8 7/8	11 7/16	7 9/16	10 1/4	7 3/4	7	5 1/4	-	2	1/2	23 1/2
XJKH N4	9 1/2	11 1/2	7 1/4	10 3/4	12 3/4	9 1/4	12 1/4	8	9	-	-	3	1/2	39 1/4
XJGCH N4	9 1/2	11 1/2	6 3/16	10 3/4	12 3/4	9 1/16	12 1/4	8	9	6 11/16	-	3	1/2	39 1/4
XJKAH N4	9 1/2	11 1/2	9 1/8	10 3/4	12 3/4	11 3/16	12 3/8	8	9	-	-	3	1/2	45 3/4
XJKAGCH N4	9 1/2	11 1/2	8 1/16	10 3/4	12 3/4	11	12 3/8	8	9	6 11/16	-	3	1/2	45 3/4
XJN6H N4	11 1/2	12 3/4	7 7/16	13 3/8	14 5/8	9 13/16	15 3/8	9	10 11/16	-	-	4	1/2	60 1/2
XJN12 N4	11 1/2	12 3/4	13 9/16	13 9/16	14 13/16	15 15/16	15 3/8	9	10 11/16	-	-	4	1/2	87 1/2
XJNGC6 N4	11 1/2	12 3/4	6 3/16	13 3/8	14 5/8	9 7/8	15 3/8	9	10 11/16	8	-	2	1/2	60 1/2
XJNGC12 N4	11 1/2	12 3/4	12 3/16	13 9/16	14 13/16	16	15 3/8	9	10 11/16	8	-	2	1/2	87 1/2
XJWHH N4	6 5/8 dia.	-	4 3/8	7 15/16	7 15/16	5 15/16	6 3/8	6 3/8	7	-	-	2	3/8	11 1/2
XJWH6 N4	6 5/8 dia.	-	10 1/8	7 15/16	7 15/16	11 5/8	6 3/8	6 3/8	7	-	-	2	3/8	14 3/4
XJWHGCH N4	6 5/8 dia.	-	3 5/16	7 15/16	7 15/16	5 3/4	6 3/8	6 3/8	7	5 1/4	-	2	3/8	11 1/2
XJW3 N4	4 7/8 dia.	-	5 5/16	5 11/16	5 11/16	6 7/8	4 1/2	4 1/2	4 7/8	-	-	1 1/4	1/4	5
XJWTH N4	5 3/8 dia.	-	3 13/16	6 3/8	6 3/8	5 1/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	8
XJWT4 N4	5 3/8 dia.	-	7 9/16	6 3/8	6 3/8	8 7/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	9
XJWT6 N4	5 3/8 dia.	-	9 1/16	6 3/8	6 3/8	10 3/8	5 1/8	5 1/8	5 3/8	-	-	2	5/16	9 1/2
XJWTGCH N4	5 3/8 dia.	-	2 15/16	6 3/8	6 3/8	5 1/8	5 1/8	5 1/8	5 3/8	4	-	2	5/16	8

NOTES Suffix H and HX enclosure types are dimensionally identical.

**Includes built-in meter mounting provisions; call factory for details.

Drilling and Tapping Guidelines

When drilling & tapping enclosures for conduit, proper installation requires compliance with the following:

1. Must be tapped with at least 5 full NPT threads in enclosure back or sides only; min. 1/2" conduit size for UL.
2. Tapping depth of NPT holes must be plus 1/2 turn min. to plus 1-1/2 turns max. past standard NPT plug gage notch.
3. Inner end of conduit openings shall be smooth and well-rounded.
4. A minimum of (7) thread engagement, class 2 fit, required for Div. 1 Group B applications.

MINIMUM DISTANCE FROM CONDUIT/CABLE CENTER TO EDGE OF FLAT AREA

SIZE NPT (METRIC)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4-3/8
	2 13/16	2 1/4	2	1 3/4	1 7/16	1 3/16	1	7/8	1 1/16	9/16	1/2	1/2

MINIMUM DISTANCE FROM AUXILIARY DEVICE CENTER TO EDGE OF FLAT AREA

SIZE NPT (METRIC)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4-3/8
	2 13/16	2 1/4	2	1 3/4	1 7/16	1 3/16	1	7/8	1 1/16	9/16	1/2	1/2

MINIMUM SPACING BETWEEN CENTERS OF CONDUIT & CABLE ENTRIES

SIZE NPT (METRIC)	5	4	3 1/2	3 (M75)	2 1/2 (M63)	2 (M50)	1 1/2 (M40)	1 1/4 (M32)	1 (M25)	3/4 (M20)	1/2 (M16)	1/4-3/8
1/16-3/8	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/2 (M16)	4 3/8	3 5/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	
3/4 (M20)	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2		
1 (M25)	4 5/8	3 7/8	3 5/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8			
1 1/4 (M32)	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8				
1 1/2 (M40)	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8					
2 (M50)	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8						
2 1/2 (M63)	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8							
3 (M75)	5 7/8	5 1/4	5	4 3/8								
3 1/2	6 1/4	5 3/4	5 1/2									
4	6 7/8	6										
5	7 3/8											

Double all distances for conduit entries in backwall.

NOTES 1. This information is compiled from data which we believe is reliable and is given in good faith. Since the methods of application and conditions under which our products are used are beyond our control, we are not able to guarantee the application and/or use of same. The user assumes all risks and liability in connection with the application and use of our products.

2. All dimensions are in inches.

Drilling and Tapping Guidelines

When drilling & tapping enclosures for conduit, proper installation requires compliance with the following:

1. Consult factory for extensive machining options, i.e. mounting of operators, thread type and size thru wall, mounting pans.
2. Layout data sheets available.

MINIMUM DISTANCE BETWEEN CENTERS OF AUXILIARY DEVICES AND CONDUIT ENTRIES

SIZE	5 NPSM	4 NPSM	3 1/2 NPSM	3 NPSM	2 1/2 NPSM	2 NPSM	1 1/2 NPSM	1 1/4 NPSM	1 NPSM	1/2-3/4 NPSM	1/4-3/8 NPSM	1/4-1 UN
1/4-3/8	4 3/8	3 3/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/2 NPT (M16)	4 3/8	3 3/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	
3/4 NPT (M20)	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2		
1 NPT (M25)	4 5/8	3 7/8	3 3/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8			
1 1/4 NPT (M32)	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8				
1 1/2 NPT (M40)	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8					
2 NPT (M50)	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8						
2 1/2 NPT (M63)	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8							
3 NPT (M75)	5 7/8	5 1/4	5	4 5/8								
3 1/2 NPT	6 1/4	5 3/4	5 1/2									
4 NPT	6 7/8	6										
5 NPT	7 3/8											

MINIMUM DISTANCE BETWEEN CENTERS OF AUXILIARY DEVICES

SIZE	5 NPSM	4 NPSM	3 1/2 NPSM	3 NPSM	2 1/2 NPSM	2 NPSM	1 1/2 NPSM	1 1/4 NPSM	1 NPSM	1/2-3/4 NPSM	1/4-3/8 NPSM	1/4-1 UN
1/4 - 1 UN	4 3/8	3 3/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	1 1/8
1/4 - 3/8 NPSM	4 3/8	3 3/8	3 3/8	3	2 5/8	2 3/8	2	1 7/8	1 5/8	1 3/8	1 1/4	
1/2 - 3/4 NPSM	4 1/2	3 3/4	3 1/2	3 1/8	2 3/4	2 1/2	2 1/8	2	1 3/4	1 1/2		
1 NPSM	4 5/8	3 7/8	3 3/8	3 1/4	2 7/8	2 3/4	2 1/4	2 1/8	1 7/8			
1 1/4 NPSM	4 7/8	4 1/8	3 7/8	3 1/2	3 1/8	2 7/8	2 1/2	2 3/8				
1 1/2 NPSM	5	4 1/4	4	3 5/8	3 1/4	3	2 5/8					
2 NPSM	5 3/8	4 3/4	4 1/2	4	3 5/8	3 3/8						
2 1/2 NPSM	5 1/2	4 7/8	4 5/8	4 1/4	3 7/8							
3 NPSM	5 7/8	5 1/4	5	4 5/8								
3 1/2 NPSM	6 1/4	5 3/4	5 1/2									
4 NPSM	6 7/8	6										
5 NPSM	7 3/8											

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