



## NCE KRYDON ENCLOSURES

These enclosures have a two piece cover consisting of an external frame with a hinged access door and are without a circuit breaker or switch operating mechanism.

### I. Preparation for Installation

1. Fully loosen captive screws in access door.
2. Open access door, slide hinge pins up into upper

portion of hinge and remove door to expose door frame screws.

3. Fully loosen all captive screws and remove door frame, setting door frame aside carefully to prevent damage to gaskets.
4. Remove equipment mounting plate if one is in the enclosure.

REGULAR AND ALTERNATE MOUNTING PATTERNS				
	MW	ML	MWA	MLA
NCE 101807	7 7/8"	19 3/8"	11 3/8"	15 7/8"
NCE 102407	7 7/8"	25 3/8"	11 3/8"	21 7/8"
NCE 142608	11 7/8"	27 1/4"	15 3/8"	23 3/4"
NCE 242608	21 3/4"	27 1/4"	25 1/4"	23 3/4"

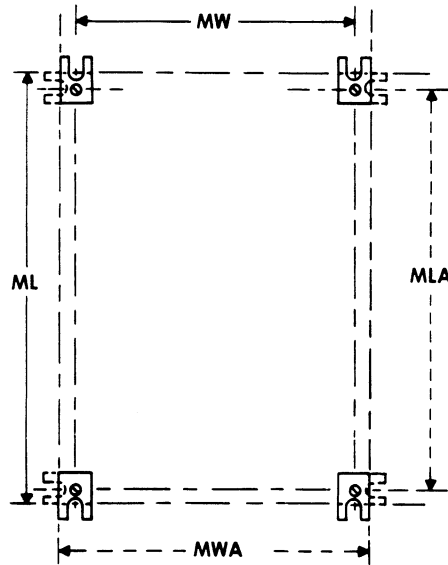


Figure 1

### II. Mounting the Enclosure

1. Enclosure has mounting feet as shown in Figure 1. See catalog number and mounting dimensions for particular enclosure being installed.
2. Enclosures are shipped with feet stowed inwardly and screws holding feet must be loosened and feet turned outwardly, 180° from shipping position. Make sure feet are seated firmly in recess and then tighten holding screws securely.
3. Drill mounting holes and mount enclosure securely in desired position.

#### NOTE

Slots in mounting feet are 17/32" wide allowing for use of mounting bolts up to 1/2" in size. It is recommended that 3/8" mounting bolts be used.

#### CAUTION

All mounting hardware should be of corrosion resistant material and a flat washer must be used under heads of mounting fasteners.

### III. Installation of Conduit Hubs

1. Find catalog number of enclosure in Table 1. Read

under column D distance from outside surface of the enclosure (opposite the cover) as shown in Figure 2 where a horizontal line is to be located and drawn.

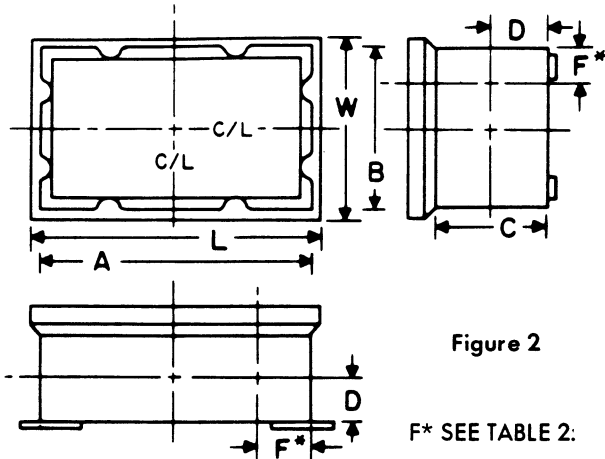
TABLE 1

CATALOG NUMBER	FIG. NO.	A	B	C	D	NOM. WALL THICKNESS	MAX HUB SIDE W	MAX HUB SIDE L
NCE101807	2	18 1/2	10 1/2	4 3/8	2 3/8	1/4	2 1/2	2
NCE102407	2	24 1/2	10 1/2	4 3/8	2 3/8	1/4	2 1/2	2
NCE142608	2	26 1/2	14 1/2	5 3/8	3	1/4	3	2 1/2
NCE242608	2	26 1/2	24 1/2	5 3/8	3	1/4	3	2 1/2

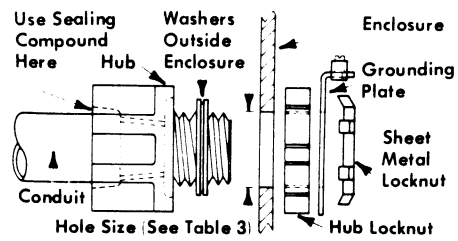
TABLE 2. CHART FOR COMBINATIONS OF HUB SIZES SHOWING RECOMMENDED MINIMUM C/L TO C/L HUB SPACING IN INCHES.

SIZE	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	F*
1/2	1 3/4								1 1/8
3/4	1 7/8	2 1/8							1 1/4
1	2	2 1/4	2 3/8						1 3/8
1 1/4	2 3/8	2 1/2	2 5/8	3					1 1/2
1 1/2	2 1/2	2 3/4	2 7/8	3 1/8	3 3/8				1 7/8
2	2 7/8	3 1/8	3 1/4	3 1/2	3 3/4	4 1/8			2 1/8
2 1/2	3 1/8	3 3/8	3 1/2	3 3/4	4	4 3/8	4 7/8		2 3/8
3	3 1/2	3 3/4	3 7/8	4 1/8	4 3/8	4 7/8	5	5 3/8	2 3/4

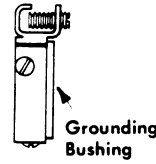
2. Mark vertical line at location(s) on end(s) or side(s) of enclosure where hub(s) are to be placed. (See Figure 2 and Tables 1 and 2 for information on locating these points.)



3. Position template shipped with each hub on enclosure so center lines match lines on enclosure. (Hole size is shown on each template and in Table 3.)
4. Mark center of circle(s) with prick punch and drill or cut proper size hole(s) using hole saw or Greenlee cutter.
5. Install hub in hole using hub locknut making sure the two polypropylene washers with a metal washer between them are in place in the recess in the hub end and are against the outside surface of the enclosure. Fasten hub securely in place using hub locknut. Use sealing compound around conduit in outer part of hub. (See Figures 3 and 4 and Table 3.)
6. After hubs are secured in place by hub locknut either a grounding bushing or a grounding plate should be attached to the hub end inside the enclosure.



**Figure 3**



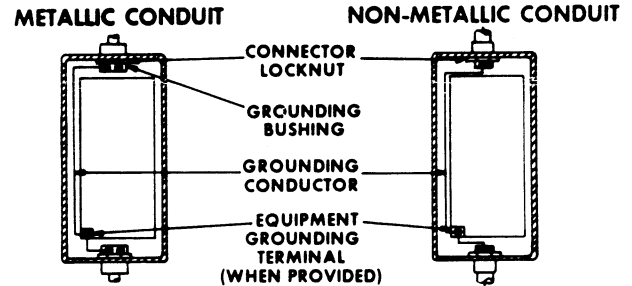
**TABLE 3**

Catalog Number	Hub Size	Hole Size
NHUB1	1/2"	7/8"
NHUB2	3/4"	1 1/8"
NHUB3	1"	1 3/8"
NHUB4	1 1/4"	1 3/4"
NHUB5	1 1/2"	2"
NHUB6	2"	2 1/2"
NHUB7	2 1/2"	3"
NHUB8	3"	3 5/8"

#### IV. Grounding

##### WARNING

When more than one hub enters an enclosure every hub must have a grounding plate or a grounding bushing. Any device having a metal portion, or portions, extending out of the enclosure must be properly grounded. Grounding must be done in accordance with the National Electrical Code and any applicable local codes.



#### V. Completing Installation

1. Replace front panel and tighten 1/4-20 panel screws securely.
2. Replace access door and tighten thumb screws securely.

##### CAUTION

Do not exceed 45 inch/lbs. torque.