

## INSTRUCTIONS FOR INSTALLATION OF CONDUIT AND GROUNDING OF EQUIPMENT IN NON-METALLIC ENCLOSURES

### INSTALLATION OF CONDUIT

- CONDUIT HOLES** - Cut holes in enclosure (when required) at the desired location. The use of a Greenlee Cutter is the preferred method, placing the punch of the Greenlee Cutter on the inside of the enclosure and drawing the punch through to the outside.
- CONDUIT CONNECTIONS** (See illustrations below)

- Metallic Conduit** - First secure the conduit connector (hub) onto the conduit. The secure conduit connector (hub) into the prepared enclosure hole using the connector locknut. Then attach grounding bushing having the proper size ground wire lug over the connector locknut.

**CAUTION:** Bonding between the grounding bushings or between the grounding bushings and the equipment grounding terminal (when provided) must be included as part of the installation procedure in accordance with The National Electrical Code.

- Non-Metallic Conduit** - Secure conduit to the conduit connector (hub) either before or after the conduit connector is secured into the prepared hole using the connector locknut.

**NOTE:** Grounding bushing not required.

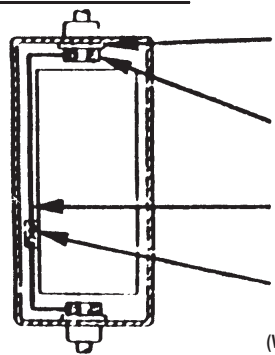
**CAUTION:** In order to prevent enclosure damage and to attain the enclosure requirements, the conduit should be aligned so as to prevent unnecessary stress on the enclosure walls. In order to obtain maximum corrosion protection, cover (coat) all exposed metal and seal of the conduit openings where the conductors enter the enclosure.

### GROUNDING OF EQUIPMENT

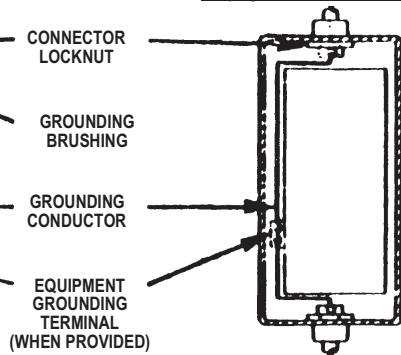
Install the grounding conductor in accordance with the requirements of the National Electrical Code. See illustrations below when using either metallic or non-metallic conduit.

### GROUNDING INSTRUCTIONS

#### METALLIC CONDUIT

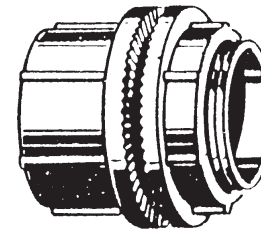


#### NON-METALLIC CONDUIT

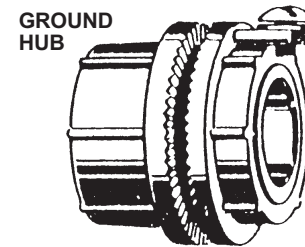


## CONDUIT CONNECTOR (HUB)

THE FOLLOWING WATERTIGHT FITTINGS ARE SUITABLE FOR USE WITH VYNCO FIBERGLASS ENCLOSURES.



standard  
Scru-TiteÆHub



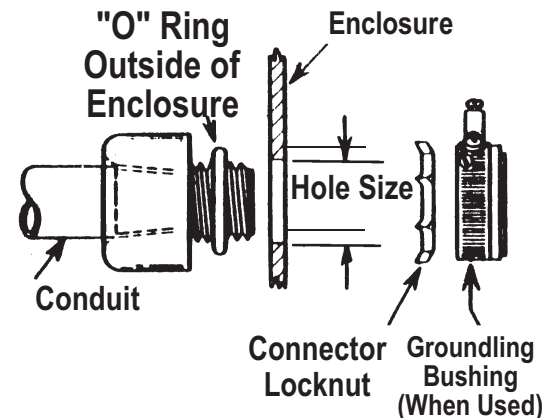
GROUND  
HUB

MYERS ELECTRIC PRODUCTS, INC			
ZINC		ALUM.	
NAED EDP NUMBER	Cat. No.	NAED EDP NUMBER	Cat. No.
*10003 ST-1	Ω	*10015 STA-1	Ω
*10004 ST-2	æ	*10016 STA-2	æ
*10005 ST-3	1	*10017 STA-3	1
*10006 ST-4	1°	*10018 STA-4	1°
*10007 ST-5	1Ω	*10019 STA-5	1Ω
*10008 ST	62	*10020 STA-6	2
10009 ST-7	2Ω	10021 STA-7	2Ω
*10033 ST-7T	2Ω	*10043 SAT-7T	2Ω
10010 ST-8	3	10022 STA-8	3
*10034 ST-8T	3	*10044 STA-8T	3
10011 ST-9	3Ω	10023 STA-9	3Ω
*10035 ST-19	3Ω	*10045 STA-19	3Ω
10012 ST-10	4	10024 STA-10	4
*10036 ST-10T	4	*10046 STA-10T	4
		10025 STA-11	5

*10993 STG1	Ω	*10105 STAG-1	Ω
*10094 STG-2	æ	*10106 STAG-2	æ
*10095 STG-3	1	*10107 STAG-3	1
*10096 STG-4	1°	*10108 STAG-4	1°
*10097 STG-5	1Ω	*10109 STAG-5	1Ω
*10098 STG-6	2	*10110 STAG-6	2
10099 STG-7	2Ω	10111 STAG-7	2Ω
10100 STG-8	3	10112 STAG-8	3
10101 STG-9	3Ω	10113 STAG-9	3Ω
10102 STG-10	4	10114 STAG-10	4

### ALLEN-BRADLEY



HUB (Conduit Connector)		GROUNDING BUSHING	
Size	Catalog Number	Wire Range	Catalog Number
Ω"	1490-N1	-----	-----
æ"	1490-N9	#14-#8	1490-N20
1"	1490-N10	#14-#8	1490-N21
1° "	1490-N11	#14-#4	1490-N22
1Ω"	1490-N5	#4-#1/Q	1490-N23
2"	1490-N6	#4-#1/Q	1490-N24
2Ω"	1490-N7	#1-#2/Q	1490-N25
3"	1490-N8	#1/0-4/Q	1490-N26

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