SERVICE ENTRANCE - GROUP

Multiple Position, Socket Breaker Combination

200 Amp, Three Phase

USE: Installation on a multiple meter project consisting of two through six or seven or more positions. Seven or more position installations required the use of a master entrance switch ahead of the meters.

PREVIOUS REVISION	ORIGINATED	PREVIOUS NUMBER
01-01-10	03-94	ER 1-155-B, 03-28-90

LATEST REVISION: Updated meter socket labeling specification and general revisions to rest of standard.

SPECIFICATION:

1. GENERAL:

1.1 The equipment shall be constructed of galvannealed steel or aluminum and shall be sealable.

1.2 Each meter position shall be individually sealable.

1.3 Each meter position shall be equipped with a lever operated jaw-release by-pass.

1.4 Outdoor units shall be weather proof.

1.5 Two, three, four, or five gang units can be used to make up the seven or more positions, provided they comply with dimension requirements as follows:

1.5.1 Minimum height as measured from the top of the lowest meter to floor or final grade level:
Indoor - 33 inches
Outdoor- 39 inches

1.5.2 Maximum height as measured from the top of the highest meter to floor or final grade level: Indoor and Outdoor - 79 inches

1.6 Each meter position shall be rated at least 100 amperes for customer loads up to 100 amperes.

1.7 Each meter position shall be rated 200 amperes for customer loads greater than 100 amperes but not exceeding 200 amperes.

1.8 Each meter position shall have minimum dimension of nine (9) inches center to center.

1.9 Each meter socket (including the inside of the socket), and it's respective main disconnect, shall be labeled in a distinctive, permanent, and legible manner, identifying the location they are to serve (Apt #, Unit #, etc.). The labels must be either engraved nameplates or adhesive-type labels at least one inch high. Felt tip pens and label maker tape **are not** considered permanent marking. The location itself, shall also be labeled with it's respective identification marking. Meters shall not be installed and energized until this identification has been completed. The Company will assume no responsibility for the accuracy of matching premise location as indicated on the meter socket and main disconnect switch.

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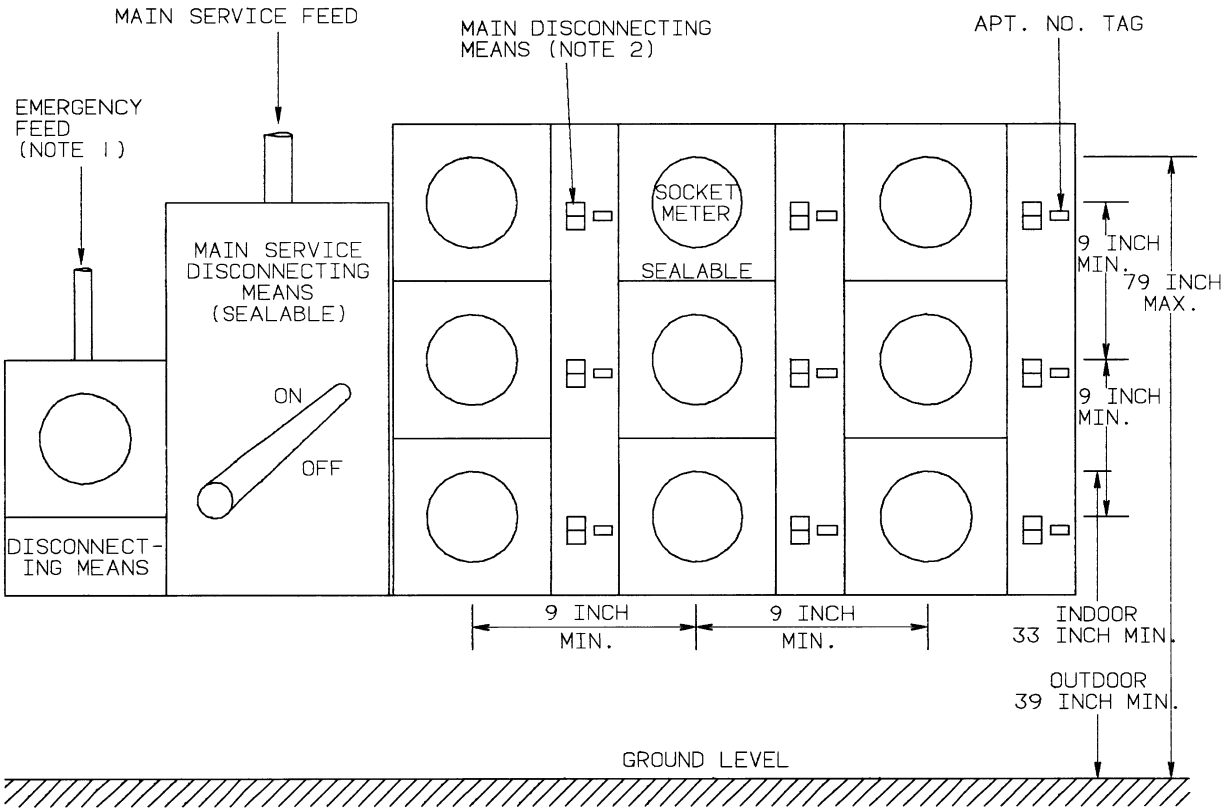
1.10 There shall be a minimum of three (3) feet of unobstructed space in front of the meter measured from the surface on which the meter is mounted.

2. GROUNDING:

When a city water system is not available for grounding, the ground connection shall be made to an approved artificial ground and also to the isolated water system. The ground connection shall be located at the service switch or breaker. Meter socket circuit breaker assembly shall be grounded to the neutral conductor.

3. TYPE OF INSTALLATIONS:

3.1 Three phase, three wire, 240 volt.
3.2 Three phase, four wire, 120/208 volt.



NOTES:

1. Emergency feed must be sufficiently separated from the main service disconnecting means per NEC Articles 700.5(d) and 700.17, latest revision.
2. It should be noted that the equipment approved on the standard is designed as a meter socket-circuit breaker combination. A bonding jumper or metallic conduit is required to bond the service equipment on the load side of the current limiting device for this type installation per NEC Articles 250.142(b) and 250.94.

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4. COMPANY APPROVED EQUIPMENT:

4.1 Three phase installations, 200 ampere sockets.

Company Approved Combination Meter Socket Circuit Breaker Equipment		
Approved Manufacturers	**Catalog Series or Type**	
	Indoor	**Outdoor**
Erickson	CM7, CM8, CM9,SMP, SMCB	CM7, CM8, CM9,SMP, SMCB
Switchboard Apparatus	VM-17	VMW-17
General Electric	TMPR3	TMPR3
Square D Company	EZM-L-3...-200	
Cutler Hammer/ETN	37MM (Note 1)	37MM (Note 1)
Murray	DL...42W7 DL...342W7 (Note 1,2)	DL...42W7 DL...342W7 (Note 1,2)
Siemens	WML13225RJ WML23225RJ WML33225RJ	WML13225RJ WML23225RJ WML33225RJ

NOTES:

1. Approved for a maximum of three (3) vertical meter positions only.
2. Murray was formerly Siemens-Allis/ITE.
3. Master Entrance Switch:
   a. Seven or more position installations are to be supplied with a master entrance switch.
   b. Two through six position installations may or may not be supplied with a master entrance switch.
   c. The equipment manufacturer must be consulted concerning proper termination when the master entrance switch is not used.
4. It is necessary to specify 5-jaw socket (3 wire service) or 7-jaw socket (4 wire service) when ordering equipment.