



**SERVICE ENTRANCE - GROUP**  
2-6 Position, Socket, Breaker Combination  
100, 200 Amp, Single Phase, 3 Wire

04-01-17  
**ER 19-235-J**  
PAGE 1 OF 6

**USE:** Installation of a multiple meter project requiring not more than six (6) meters.

**PREVIOUS REVISION**  
07-01-15

**ORIGINATED**  
03-94

**Previous Number**  
ER 1-158-A (12-94)

**LATEST REVISION:** Update Murray to Murray/Siemens and update catalog numbers.

**REFERENCE:** IEC/NEC (Indiana Electrical Code / National Electrical Code), latest edition

**1. GENERAL:**

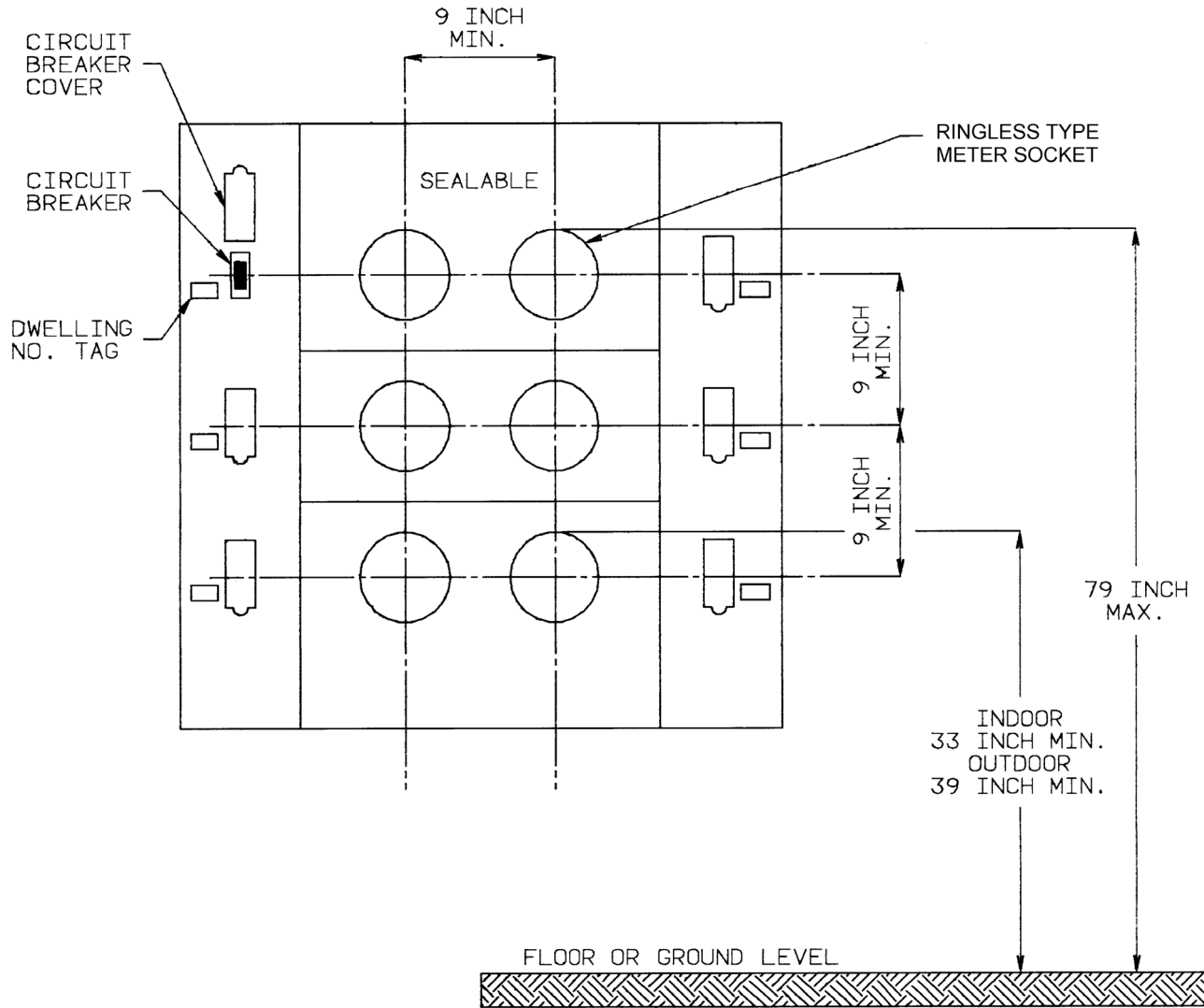
- 1.1 The trough shall be constructed of galvanized steel or aluminum alloy and shall be weather-proof and sealable.
- 1.2 All terminals shall be of a type to accommodate copper or aluminum wire.
- 1.3 Concentric knockouts shall be provided in back, sides, and bottom.
- 1.4 The customer shall supply all troughs.
- 1.5 Each meter socket (including the inside of the socket), and its 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 its 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.
- 1.6 Each meter position shall be rated at least 100 amperes, and have a minimum dimension of nine (9) inches (center to center), ringless, sealable, and have a horn or lever type bypass.

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**2. TYPE OF INSTALLATION:**

2.1 Single phase, three wire, 120/240 volt.





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**3. COMPANY APPROVED EQUIPMENT:**

<b>Table 2.1</b>				
<b>Company Approved</b>				
<b>Combination Meter Socket Circuit Breaker Equipment - 100 Ampere Sockets</b>				
Socket Positions	Approved Manufacturer	CU/AL Connector Size (AWG or KCM)	Catalog No. or Type	
			Indoor	Outdoor
<b>2</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP2122R-RLB	1MP2122R-RLB
	G.E.	300	TMM	TMM...R
	Midwest	6-250	MM221	MM221
	Milbank - Horiz. Config.	1/0-350	U5902-X-KK-K1	U5902-X-KK-K1
	Milbank - Stacked Config.	6-350	U2852-X-KK	U2852-X-KK
	Murray/Siemens	6-300	WP2211RJB	WP2211RJB
	Square "D"	4-250	MPH22125	MPH22125
<b>3</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP3124R-RLB	1MP3124R-RLB
	G.E.	600	TMM	TMM...R
	Midwest	6-250	MM231	MM231
			MM431	MM431
	Milbank - Horiz. Config.	1/0-350	U5903-X-KK-K1	U5903-X-KK-K1
	Milbank - Stacked Config.	6-350	U2853-X-KK	U2853-X-KK
	Murray/Siemens	#2-600	WP3311RJB	WP3311RJB
Square "D"	1/0-600 (2) 1/0-250	MPH33125	MPH33125	
<b>4</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP4124R-RLB	1MP4124R-RLB
	G.E.	600	TMM	TMM...R
	Midwest	6-600	MM441	MM441
	Milbank - Horiz. Config.	1/0-350	U5904-X-KK-K1	U5904-X-KK-K1
	Milbank - Stacked Config.	Stud	U2854-X-KK	U2854-X-KK
	Murray/Siemens	(1) 1/0-750 (2) 1/0-250	WP4411RJB	WP4411RJB
	Square "D"	1/0-600 (2) 1/0-250	MPH44125	MPH44125

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**Table 2.1**  
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**Combination Meter Socket Circuit Breaker Equipment - 100 Ampere Sockets**

Socket Positions	Approved Manufacturer	CU/AL Connector Size (AWG or KCM)	Catalog No. or Type	
			Indoor	Outdoor
5	Cutler Hammer/ETN	6-600 (2) 2/0-250)	1MP5126R-RLB	1MP5126R-RLB
	G.E.	600	TMM	TMM...R
	Midwest	6-600 (2) 250-350	MM451	MM451
			MM651	MM651
	Milbank - Horiz. Config.	Stud	U5905-X-KK	U5905-X-KK
	Milbank - Stacked Config.	Stud	U2855-X-KK	U2855-X-KK
	Murray/Siemens	#2-600	WP6511RJB	WP6511RJB
Square "D"	1/0-600 (2) 1/0-250)	MPH55125	MPH55125	
6	Cutler Hammer/ETN	6-600 (2) 2/0-250)	1MP6126R-RLB	1MP6126R-RLB
	G.E.	600	TMM	TMM...R
	Midwest	6-250 (2) 250-350	MM461	MM461
			MM661	MM661
	Milbank - Horiz. Config.	Stud	U5906-X-KK	U5906-X-KK
	Milbank - Stacked Config.	Stud	U2856-X-KK	U2856-X-KK
	Murray/Siemens	#2-600	WP6611RJB	WP6611RJB
	Square "D"	1/0-600 (2) 1/0-250)	MPH66125	MPH66125



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<b>Table 2.2</b>				
<b>Company Approved</b>				
<b>Combination Meter Socket Circuit Breaker Equipment - 200 Ampere Sockets</b>				
Socket Positions	Approved Manufacturer	CU/AL Connector Size (AWG or KCM)	Catalog No. or Type	
			Indoor	Outdoor
<b>2</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP2204R-RLB	1MP2204R-RLB
	G.E.	600	-	TMM...R
	Milbank - Horiz. Config.	1/0-350	U5882-X-KK-K1	U5882-X-KK-K1
	Milbank - Stacked Config.	6-350	U2862-X-KK	U2862-X-KK
	Murray/Siemens	(1) 1/0-750 (2) 1/0-250	WP4212RJB	WP4212RJB
	Square "D"	1/0-600 (2) 1/0-250	MPH42200	MPH42200
<b>3</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP3206R-RLB	1MP3206R-RLB
	G.E.	600	-	TMM...R
	Midwest	6-600	MM432	MM432
	Milbank - Horiz. Config.	1/0-350	U5883-X-KK-K1	U5883-X-KK-K1
	Milbank - Stacked Config.	6-350	U-2863-X-KK	U2863-X-KK
	Murray/Siemens	1/0-600 (2) 1/0-250	WP4312RJB	WP4312RJB
	Square "D"	1/0-600 (2) 1/0-250	MPH43200	MPH43200
<b>4</b>	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP4206R-RLB	1MP4206R-RLB
	G.E.	2-500	-	TMM...R
	Midwest	6-600 (2) 250-350	MM442	MM442
			MM642	MM642
	Milbank - Horiz. Config.	1/0-350	U5884-X-KK-K1	U5884-X-KK-K1
	Milbank - Stacked Config.	Stud	U2864-X-KK	U2864-X-KK
	Murray/Siemens	1/0-600 (2) 1/0-250	WP4412RJB	WP4412RJB
	Square "D"	1/0-600 (2) 1/0-250	MPH64200	MPH64200

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**Table 2.2****Company Approved****Combination Meter Socket Circuit Breaker Equipment - 200 Ampere Sockets**

Socket Positions	Approved Manufacturer	CU/AL Connector Size (AWG or KCM)	Catalog No. or Type	
			Indoor	Outdoor
5	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP5206R-RLB	1MP5206R-RLB
	G.E.	2-500	-	TMM...R
	Midwest	6-600 (2) 250-350	MM452	MM452
			MM652	MM652
	Milbank - Horiz. Config.	Stud	U5885-X-KK	U5885-X-KK
	Milbank - Stacked Config.	Stud	U2865-X-KK	U2865-X-KK
	Murray/Siemens	(2) #2-600	WP6512RJB	WP6512RJB
Square "D"	(2) 3/0-500	MPH85200	MPH85200	
6	Cutler Hammer/ETN	6-600 (2) 2/0-250	1MP6206R-RLB	1MP6206R-RLB
	G.E.	2-500	-	TMM...R
	Midwest	6-600 (2) 250-350	MM462	MM462
			MM662	MM662
	Milbank - Horiz. Config.	Stud	U5886-X-KK	U5886-X-KK
	Milbank - Stacked Config.	Stud	U2866-X-KK	U2866-X-KK
	Murray/Siemens	(2) #2-600	WP6612RJB	WP6612RJB
Square "D"	(2) 3/0-500	MPH86200	MPH86200	