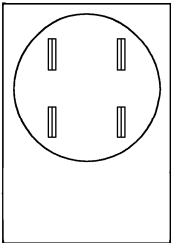
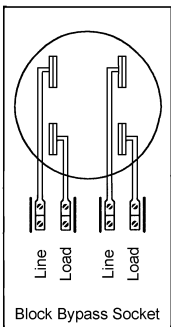
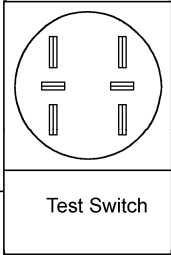
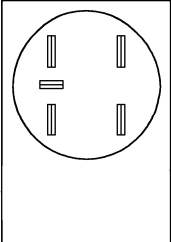
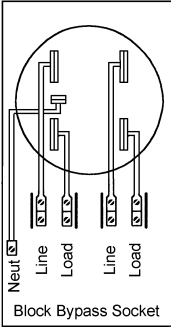
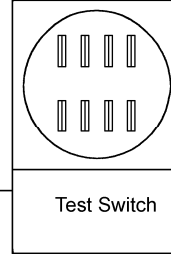


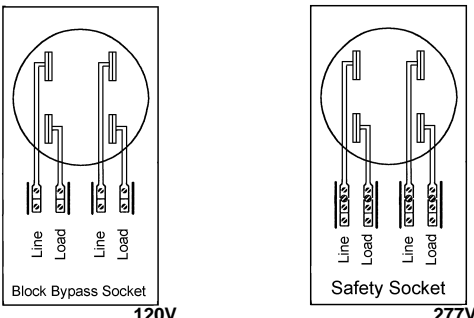
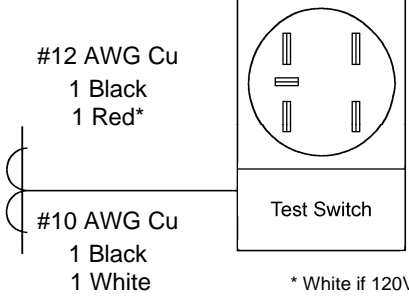
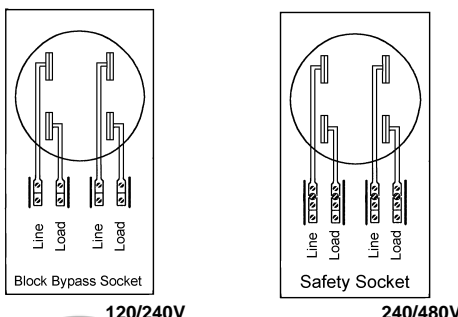
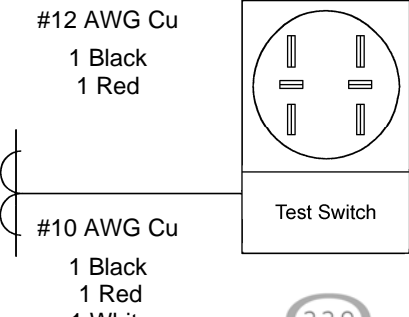
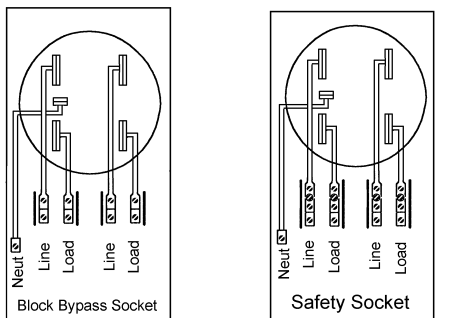
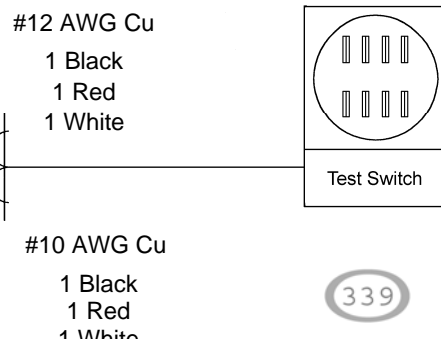
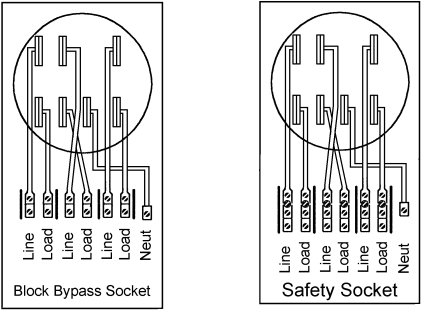
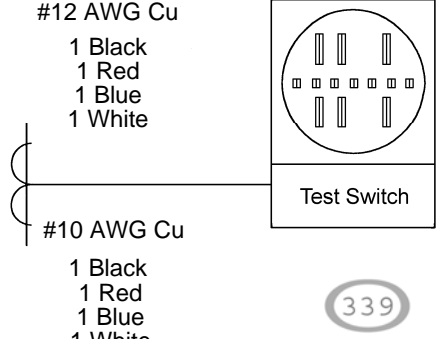
METER BASE ARRANGEMENTS

Notes:

1. When nonmetallic conduit is used between C.T. can and meter socket, add 1 #12 or larger solid green wire for ground. Applies to all "B" Figures.
2. When neutral is insulated, it shall be bonded to the socket. All sockets shall be U.L. listed. Applies to all Figures.
3. Circuit closing devices are **not approved**. Applies to all Figures.
4. All 480V services 200 amps or less require a 200 amp continuous duty safety socket.
5. All commercial services 200 amps or less and under 300 volts require a continuous duty block bypass socket.
6. All Delta services (240/120V or 480/240V 3 phase 4 wire) up to 200 amps shall have the high leg on the right hand jaws of the 7-terminal meter socket. Applies to Figure 6A.
7. All residential 120/208V single phase services up to 400 amps shall have the 5th terminal at the 9 o'clock position, and wired to the neutral in the meter socket. Applies to Figure 2A.
8. All commercial 120/208V single phase services up to 200 amps shall have the 5th terminal at the 9 o'clock position, and wired to the neutral in the meter socket. Applies to Figure 5A.
9. All EUSERC requirements refer to the latest revisions of EUSERC documents. Typical EUSERC drawing number **339**
10. C.T. secondary wire sizes increase for 50 feet and greater.
11. Block bypass sockets are recommended for all residential use.

Types of Service	Residential Metering Requirements	
	Maximum Metering Capacity Up to 400 Amp	Metering Capacity Over 400 Amp
<p>1 Ø 3W 120/240V</p> <p>EUSERC Compliance Fig. 1A EUSERC Dwg. F-1 Code 4 with EUSERC Dwg. 302A (up to 225 amps) or 302B (over 225 amps and up to 400 amps).</p> <p>Fig. 1B EUSERC Dwg. F-1 Code 6 with EUSERC Dwg. 339 (over 400 amps).</p>	 <p>Up to 225 Amps</p> <p>302A</p>  <p>Line Load Line Load Block Bypass Socket 320 Amp Class</p> <p>302B</p>	<p>#12 AWG Cu 1 Black 1 Red</p>  <p>Test Switch</p> <p>#10 AWG Cu 1 Black 1 Red 1 White</p> <p>339</p> <p>Fig. 1B</p>
<p>1 Ø 3W 120/208V</p> <p>EUSERC Compliance Fig. 2A EUSERC Dwg. F-1 Code 5A with EUSERC Dwg. 302A (up to 225 amps) or 302B (over 225 amps and up to 400 amps).</p> <p>Fig. 2B EUSERC Dwg. F-1 Code 8 (Code 15 Alternate) with EUSERC Dwg. 339 (over 400 amps).</p>	 <p>Up to 225 Amps</p> <p>302A</p>  <p>Neut. Line Load Line Load Block Bypass Socket 320 Amp Class</p> <p>302B</p>	<p>#12 AWG Cu 1 Black 1 Red 1 White</p>  <p>Test Switch</p> <p>#10 AWG Cu 1 Black 1 Red 1 White</p> <p>339</p> <p>Fig. 2B</p>

ORIGINATOR	STANDARDS COORDINATOR	STANDARDS SUPERVISOR	UNIT DIRECTOR
Ted Allestad	Charles L. Shaffer	John Schinner	Harold Juy

Types of Service	Commercial Metering Requirements	
	Maximum Metering Capacity Up to 200 Amp	Metering Capacity Over 200 Amp
<p>1 Ø 2W 120V 1 Ø 2W 277V</p> <p>EUSERC Compliance Fig.3A EUSERC Dwg. F-1 Code 4 with EUSERC Dwg. 302B (up to 200 amps and 120 V) or Dwg. 305 (up to 200 amps and 277 V or higher).</p> <p>Fig. 3B EUSERC Dwg. F-1 Code 5A with EUSERC Dwg. 339 (over 200 amps).</p>	 <p>120V 302B</p> <p>277V 305</p> <p>Fig. 3A</p>	 <p>#12 AWG Cu 1 Black 1 Red*</p> <p>#10 AWG Cu 1 Black 1 White</p> <p>* White if 120V</p> <p>Test Switch</p> <p>339</p> <p>Fig. 3B</p>
<p>1 Ø 3W 120/240V 1 Ø 3W 240/480V</p> <p>EUSERC Compliance Fig.4A EUSERC Dwg. F-1 Code 4 with EUSERC Dwg. 305 (up to 200 amps).</p> <p>Fig. 4B EUSERC Dwg. F-1 Code 6 with EUSERC Dwg. 339 (over 200 amps).</p>	 <p>120/240V 302B</p> <p>240/480V 305</p> <p>Fig. 4A</p>	 <p>#12 AWG Cu 1 Black 1 Red</p> <p>#10 AWG Cu 1 Black 1 Red 1 White</p> <p>Test Switch</p> <p>339</p> <p>Fig. 4B</p>
<p>1 Ø 3W 120/208V 1 Ø 3W 277/480V</p> <p>EUSERC Compliance Fig.5A EUSERC Dwg. F-1 Code 5A with EUSERC Dwg. 305 (up to 200 amps).</p> <p>Fig. 5B EUSERC Dwg. F-1 Code 8 (Code 15 Alternate) with EUSERC Dwg. 339 (over 200 amps).</p>	 <p>120/208V 302B</p> <p>277/480V 305</p> <p>Fig. 5A</p>	 <p>#12 AWG Cu 1 Black 1 Red 1 White</p> <p>#10 AWG Cu 1 Black 1 Red 1 White</p> <p>Test Switch</p> <p>339</p> <p>Fig. 5B</p>
<p>3 Ø 4W 208Y/120V 3 Ø 4W 240/120V delta 3 Ø 4W 240Y/138V 3 Ø 4W 480Y/277V 3 Ø 4W 480/240V delta</p> <p>EUSERC Compliance Fig.6A EUSERC Dwg. F-1 Code 7 with EUSERC Dwg. 305 (up to 200 amps). Fig. 6B EUSERC Dwg. F-1 Code 13 (Code 15 Alternate) with EUSERC Dwg. 339 (over 200 amps).</p>	<p>High leg on right-hand terminals if delta (orange).</p>  <p>208Y/120V, 240/120V delta, 240Y/138V 302B</p> <p>480/277V, 480/240V delta 305</p> <p>Fig. 6A</p>	 <p>#12 AWG Cu 1 Black 1 Red 1 Blue 1 White</p> <p>#10 AWG Cu 1 Black 1 Red 1 Blue 1 White</p> <p>Test Switch</p> <p>339</p> <p>Fig. 6B</p>