



Metering Selection Guide
 Secondary Metering Applications
 1/24/2006

Service Type	Customer Main Breaker	Transformer Capacity	Service Feed	Customer Conductors	Meter Type	Meter Base	Meter Base Provider
120/208V 4W WYE	0 - 200 amps	-	OH or UG	-	Socket, Form 16S	7 jaw socket	Customer
120/208V 4W WYE	201 - 600 amps	-	OH	-	Bolt-In, Form 17K	K-7T bolt-in	Customer
120/208V 4W WYE	201 - 600 amps	-	UG	-	Bolt-In, Form 17K	K-7SW bolt-in	Customer
120/208V 4W WYE	601 - 800 amps	≤ 150 KVA	OH	Max: 2 ea. 600MCM, or 3 ea. 350MCM	Bolt-In, Form 17K	K-7T bolt-in	SCE&G, Local Meter Shop
120/208V 4W WYE	601 - 800 amps	≤ 150 KVA	UG	Max: 2 ea. 600MCM, or 3 ea. 350MCM	Bolt-In, Form 17K	K-7SW bolt-in	SCE&G, Local Meter Shop
120/208V 4W WYE	601 - 800 amps	> 150 KVA	OH or UG	-	CT Meter, Form 9S	A-Base enclosure	SCE&G, Local Meter Shop
120/208V 4W WYE	Greater than 800 amps	-	OH or UG	-	CT Meter, Form 9S	A-Base enclosure	SCE&G, Local Meter Shop
120/208V V-phase	0 - 200 amps	-	OH or UG	-	Form 12S	5 jaw socket	Customer
120/208V V-phase	201 - 600 amps	-	OH or UG	-	Bolt-In, Form 12K	K-5T bolt-in	Customer
120/208V V-phase	Greater than 600 amps	-	OH or UG	-	CT Meter, Form 5S	A-Base enclosure	SCE&G, Local Meter Shop
120/240V 3W 1PH	0 - 200 amps	-	OH or UG	-	Form 2S	4 jaw socket	Customer
120/240V 3W 1PH	201 - 600 amps	-	OH or UG	-	Form 2K	K-4UT bolt-in	Customer
120/240V 3W 1PH	Greater than 600 amps	-	OH or UG	-	CT Meter, Form 5S	A-Base enclosure	SCE&G, Local Meter Shop
120/240V 4W Delta	0 - 200 amps	-	OH or UG	-	Form 16S	7 jaw socket	Customer
120/240V 4W Delta	201 - 600 amps	-	OH	-	Bolt-In, Form 17K	K-7T bolt-in	Customer
120/240V 4W Delta	201 - 600 amps	-	UG	-	Bolt-In, Form 17K	K-7SW bolt-in	Customer
120/240V 4W Delta	601 - 800 amps	≤ 150 KVA	OH	Max: 2 ea. 600MCM, or 3 ea. 350MCM	Bolt-In, Form 17K	K-7T bolt-in	SCE&G, Local Meter Shop
120/240V 4W Delta	601 - 800 amps	≤ 150 KVA	UG	Max: 2 ea. 600MCM, or 3 ea. 350MCM	Bolt-In, Form 17K	K-7SW bolt-in	SCE&G, Local Meter Shop
120/240V 4W Delta	601 - 800 amps	> 150 KVA	OH or UG	-	CT Meter, Form 9S	A-Base enclosure	SCE&G, Local Meter Shop
120/240V 4W Delta	Greater than 800 amps	-	OH or UG	-	Form 9S, CT Meter	A-Base enclosure	SCE&G, Local Meter Shop
277/480V 4W WYE	0 - 225 amps	≤ 150 KVA	OH or UG	Max: 1 ea. 350MCM, or 2 ea. 250MCM	Form 16S	Integrated disconnect	SCE&G, Local Office or Meter Shop
277/480V 4W WYE	0 - 225 amps	> 150 KVA	OH or UG	-	Form 9S, CT Meter	A-Base enclosure	SCE&G, Local Meter Shop
277/480V 4W WYE	Greater than 225 amps	-	OH or UG	-	CT Meter, Form 9S	A-Base enclosure	SCE&G, Local Meter Shop

Notes:

- (1.) SCE&G reserves the right to determine the appropriate metering method for each service. Electrician must contact SCE&G to confirm metering method before installing any equipment.
- (2.) If customer wiring exceeds the size or quantity listed in table, CT metering will be installed.
- (3.) For non-standard applications, consult Meter Department.

Meter Base Dimensions			
Type	Width	Height	Depth
Bolt-In, polyphase, OH, Model 1	20"	43"	6.1"
Bolt-In, polyphase, UG, Model 1	26"	37.6"	6.1"
Bolt-In, 120/240V single phase,	18"	36"	6"
Bolt-In, 120/208V V-phase, Moc	20"	43"	6.1"
Integrated socket/disconnect, 2	14"	35"	6"
A-Base Meter Enclosure	12.25"	24.75"	10.25"
CT Enclosure (for mounting CT:	32"	36"	14"
LGS Metering Package enclosu	20.25"	36.25"	14.25"

Note: All other socket types are provided solely by customer and are available in a variety of sizes; therefore, dimensions are not available.