Residential and Commercial 200-Amp Meter Loops

Residential and commercial meter loops are typically used when constructing facilities for permanent service. It is important that all guidelines outlined in this document be followed by your contractor or electrician. PEC is in compliance with the National Electrical Code (NEC) and the National Electrical Safety Code (NESC). For your protection, PEC urges you or your electrician to use only NEC-approved procedures and materials. All meter loops must be sized according to the load to be served and NEC guidelines.

PEC will refuse service where a known hazardous condition exists and/or if connections do not meet the specifications outlined in this document. We urge you to use a qualified electrician to prevent safety hazards, additional costs, and delays. PEC requires that all construction meet or exceed these specifications prior to service connection.

Electric service disconnects, regardless of the number of circuit breakers, must have a weatherproof main disconnect installed on the exterior of the service site. PEC will furnish one 200-amp meter socket with a 2-inch hub per each new application for electric service. There will not be more than two loops on any one pole. For more information on higher amperage, contact PEC.



Para nuestros miembros que lo prefieren, tenemos telefonistas que hablan español y pueden responderles a sus preguntas las 24 horas al día. Para mas información en español o inglés, llamen a cualquier oficina de PEC.



Wiring Guidelines									
Breaker Size	Copper Wire THW	Aluminum Wire THW	Breaker Size		C	Copper Wire THW		Aluminum Wire THW	
60 amp	#6	#4	200 amp #2/		#2/0	/0		#4/0	
100 amp	#4	#2	200 am	р					
125 amp	#2	#1/0	comme	rcial	#3/0			250	
150 amp	#1	#2/0							
I50 amp Mast Type Con This type of cor structure does n PEC Max. 23 inch for 200 arr Min. 12 feet over residential driveway Min. 16 feet in commercial use residential	#I	#2/0 Roof The when the existing ground clearance. Weather cap 2-inch visible galvanized rigid metal conduit only (not IMC or EMT) Meter base Veatherproof fused or breaker-protected main disconnect panel will have a main disconnect on the outside of the building, regardless of the number of circuit breakers #6 copper	Constru This type more add Meter ba transform Do no with v transform Unit v Min. c #6 co groun	32-foot pole-21 feet 6 inches	re not prese are prese and above end above er cap r cap 	eter Pol ion is use ermitted ent. e pole	es ed whe	en this choice is imary poles where PEC wire 30-inch tails Metal conduit or electrical PVC Meter base Weatherproof fused or breaker- protected main disconnect panel will have a main disconnect on the outside of the building, regardless of the number of circuit breakers	
· · · · · · ·		5/8-inch by 8-foot — copper-clad driven ground rod with clamp	 5/8-inch by 8-foot copper- clad driven ground rod with clamp 			••••	0 00 0	·	0
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