

## Ground plates



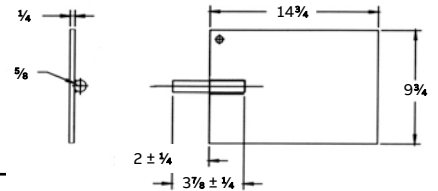
### Galvanized grounding plates

- Made of high-quality steel, hot dip galvanized
- Major time and cost savings vs ground rods



Cat. no.	Description	Wire range (AWG)	Std. pkg.
1016TB	Galvanized grounding plate	#8 sol. to 3/0 str.	1
1016BTB	Galvanized grounding plate (complete with JAB34C connector)	#8 sol. to 3/0 str.	1

### Diagrams



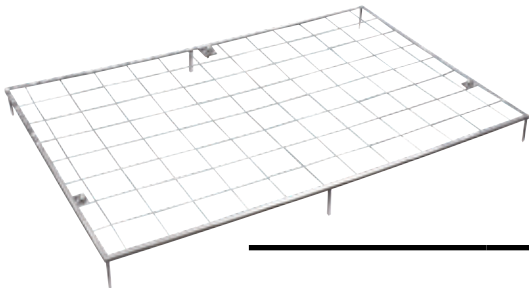
\* CSA not applicable.



### Ground electrode boxes

Cat. no.	Description
51628	Pregalvanized steel
51629	Hot dip galvanized steel
51628-ALTA	Ground electrode box for Alberta only

14 gauge steel, 10 in. diameter, 12 in. depth.



### Metallic gradient control mats

- To reduce risk and prevent build up of dangerous potential differences between high-voltage equipment or structures and the user standing on the ground surface. CEC Rule 36-308.

Cat. no.	Description	Std. pkg.	Wt./100	
			lb	kg
64663	Mat with hardware	1	3000	1363

4 ft. x 6 ft. hot dip galvanized mat is made from 6 in. x 6 in. welded mesh, 1/4 in. diameter. With hardware 3 1/2 x 1/2 galvanized bolts, 3 galvanized washers and 3 galvanized nuts. Custom ground mat also available upon request.

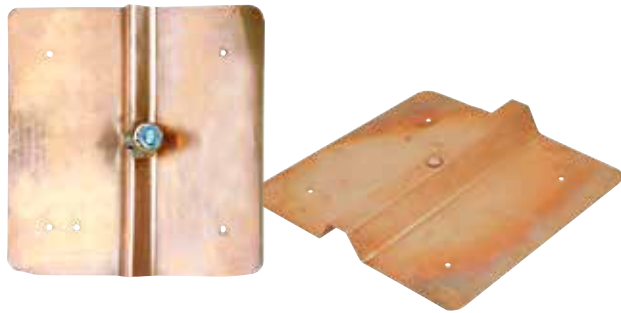
## Ground plates



### Type GP – Copper pole bottom ground plates for multigrounded neutral construction

- More efficient than butt wrapping poles
- Made of electrolytic sheet copper
- Built-in high-pressure connector for ground lead, or supplied with #6 AWG copper pigtail pre-attached
- Plates are grooved for trapping moisture

Cat. no.	Min. (AWG)	Max. (AWG)	Pigtail wire range		Diameter of plate	
			Min. (mm <sup>2</sup> )	Max. (mm <sup>2</sup> )	(in.)	(mm)
GP100	#8	#2 sol.	6.3	25.6	7½	191
GP110			6.3	25.6	10	254
GP114			6.3	25.6	14	356
GP1003	#6 AWG solid Cu pigtail with 18 in. conductor		–	–	7½	191
GP1008	#6 AWG solid Cu pigtail with 18 in. conductor		–	–	7½	191
GP1108	#6 AWG solid Cu pigtail with 18 in. conductor		–	–	7½	254



### Type PB — Copper pole ground plates

- Installed on butt end of utility poles to provide an economical, low resistance neutral ground
- Installed cost considerably less than butt-wrapped poles. Plate portion fabricated of 0.025 in. pure copper.
- PBGW connector is eye-bolt type, cast of corrosion-resistant aluminum bronze alloy, with silicon bronze nut and lock washer. Riveted all-copper terminal lug is an integral part of the PBH, and provides the means of connection to the grounding conductor.

Cat. no.	Wire range (AWG)		Finished size (in.)	Surface area (sq. in.)
	Max.	Min.		
PBGW	2/0 str.	#10 sol.	7 x 7½	56
PBH*	#4 str.	#14 sol.	7 x 7½	56

\* RUS Listed.