

SAFE AREA BOXES

GENERAL

To have DC connections in Cathodic Protection Systems, we must use junction boxes. These boxes shall be meeting the requirements of climatic conditions. Inside of boxes related to system conditions. Each box may contain some glands, bas bars and nuts. Boxes can be with or without stand. Safe area boxes not suitable for used in hazardous area.

TECHNICAL SPECIFICATION

Box Material	Coating Type & Thickness	Dimension (mm×mm×mm)	Terminal Nos.	Box Color	Stand	IP
Coated Mild Steel	<input type="checkbox"/> 3 Layers Electrostatic (270 μ) 70 μ Zinc Rich Epoxy 100 μ Epoxy Poly Amid 100 μ electrostatic Poly Urethane	400 × 300 × 150	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> more	<input type="checkbox"/> Yellow <input type="checkbox"/> Blue <input type="checkbox"/> Others	<input type="checkbox"/> 4" Pipe <input type="checkbox"/> 3" Pipe <input type="checkbox"/> None	<input type="checkbox"/> 54 <input type="checkbox"/> 55
	<input type="checkbox"/> 1 Layer Electrostatic (70 μ)					
Well Head Connected Coated Mild Steel	<input type="checkbox"/> 3 Layers Electrostatic (270 μ) 70 μ Zinc Rich Epoxy 100 μ Epoxy Poly Amid 100 μ electrostatic Poly Urethane	400 × 200 × 150	8 Nos.	<input type="checkbox"/> Yellow <input type="checkbox"/> Blue <input type="checkbox"/> Others	None	<input type="checkbox"/> 54 <input type="checkbox"/> 55
	<input type="checkbox"/> 1 Layer Electrostatic (70 μ)					
Plastic	Impact-Resistant Polycarbonate	<input type="checkbox"/> 98 × 98 × 58	<input type="checkbox"/> 2	Gray RAL 7032	<input type="checkbox"/> Galvanized <input type="checkbox"/> Zinca Coated <input type="checkbox"/> None	<input type="checkbox"/> 55 <input type="checkbox"/> 65
		<input type="checkbox"/> 139 × 119 × 70	<input type="checkbox"/> 3			
		<input type="checkbox"/> 167 × 125 × 82	<input type="checkbox"/> 4			
		<input type="checkbox"/> 200 × 160 × 98	<input type="checkbox"/> 5			
		<input type="checkbox"/> 260 × 210 × 116	<input type="checkbox"/> more			
		<input type="checkbox"/> 310 × 210 × 116				
Aluminum	Aluminum Casting Boxes	<input type="checkbox"/> 100 × 100 × 56	<input type="checkbox"/> 2	Gray	<input type="checkbox"/> Galvanized <input type="checkbox"/> Zinca Coated <input type="checkbox"/> None	67
		<input type="checkbox"/> 140 × 115 × 60	<input type="checkbox"/> 3			
		<input type="checkbox"/> 166 × 142 × 65	<input type="checkbox"/> 4			
		<input type="checkbox"/> 198 × 169 × 80	<input type="checkbox"/> 5			
		<input type="checkbox"/> 315 × 264 × 122	<input type="checkbox"/> more			

More Than 5 Terminals:

GLAND SPECIFICATION

Gland Material	Gland No. & Gland Size	Suitable For
<input type="checkbox"/> Polyethylene <input type="checkbox"/> Poly Amid <input type="checkbox"/> Brass <input type="checkbox"/> Coated Brass × M 16 × M 16 × M 20 × M 25 × M 32	<input type="checkbox"/> Non – Armored Cables <input type="checkbox"/> Armored Cables