

EXPLOSION PROOF BOXES

GENERAL

Generally all cables shall be joined and connected inside a suitable box. These boxes shall meet the area classification (Safe and explosion proof type), climatic condition (Corrosive atmosphere) and ingress protection (IP). Each box may compromise with bus bar, terminals, glands, variable resistance and Different box stand is available according to IPS or customer specification.

TECHNICAL SPECIFICATION

Box Material	Dimension (mm×mm×mm)	Terminal Nos.	Box Color	Stand	IP
<input type="checkbox"/> CORTEM Trade Mark <input type="checkbox"/> Aluminum <input type="checkbox"/> Polyester <input type="checkbox"/> Stainless Steel	<input type="checkbox"/> 110 × 110 × 85 <input type="checkbox"/> 147 × 147 × 100 <input type="checkbox"/> 170 × 110 × 85 <input type="checkbox"/> 305 × 147 × 110 <input type="checkbox"/> 305 × 230 × 110 <input type="checkbox"/> 305 × 230 × 190	<input type="checkbox"/> 2 <input type="checkbox"/> 3	Gray Black Steel	<input type="checkbox"/> Galvanized	<input type="checkbox"/> 65 <input type="checkbox"/> 66
<input type="checkbox"/> S.E.M.C. Trade Mark <input type="checkbox"/> Coated Mild Steel <input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Mark I 638 × 430 × 215 <input type="checkbox"/> Mark II 488 × 458 × 218 <input type="checkbox"/> Mark III 177 × 166 × 100 <input type="checkbox"/> Mark IV 352 × 255 × 157 <input type="checkbox"/> Mark V 417 × 305 × 154 <input type="checkbox"/> Mark VI 213 × 193 × 137	<input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> more	<input type="checkbox"/> Yellow <input type="checkbox"/> Other <input type="checkbox"/> None	<input type="checkbox"/> Zinca Coated <input type="checkbox"/> None	<input type="checkbox"/> 66 <input type="checkbox"/> 67
<input type="checkbox"/> S.E.M.C. Trade Mark <input type="checkbox"/> Aluminum	<input type="checkbox"/> EJB I 112 × 112 × 71 <input type="checkbox"/> EJB II 258 × 226 × 111 <input type="checkbox"/> EJB III 500 × 420 × 232		Gray		65 65 66

More Than 5 Terminals:

EXPLOSION PROOF GLAND SPECIFICATION

Gland Material	IP	Gland No. & Gland Size	Suitable For
<input type="checkbox"/> Polyethylene <input type="checkbox"/> Poly Amid <input type="checkbox"/> Brass <input type="checkbox"/> Coated Brass	<input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 67 × M 16 × M 16 × M 20 × M 25 × M 32	<input type="checkbox"/> Non – Armored Cables <input type="checkbox"/> Armored Cables