



JUNCTION BOX

EJB 240-241

Flameproof



SPECIFICATION

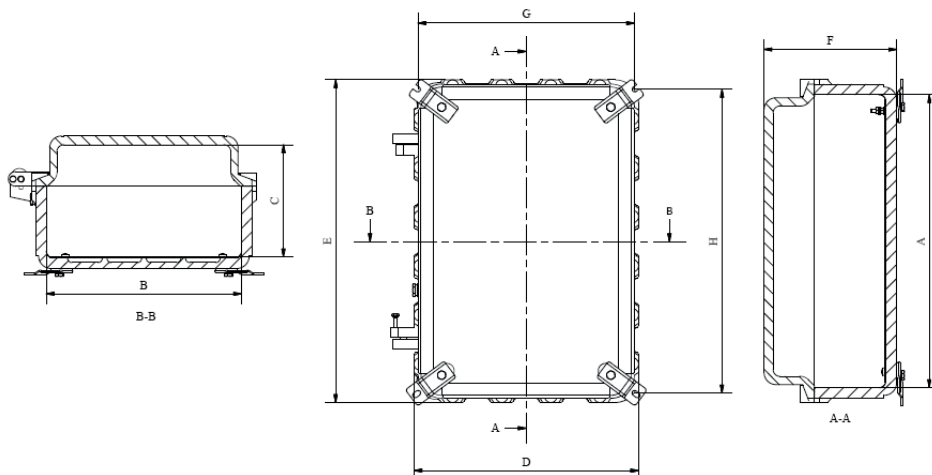
TYPE	EJB 240 - 241
Application	Flame proof Ex d enclosure
Protection	Ex d IIB T4, T5 & T6 Gb, Ex t IIIB tb T85°C, 105°C & T135°C Db
Marking(ATEX)	II 2 G D
Ingress Protection to IEC 60259	IP 65
Temperature Class/Power dissipation	T6/T5/T4 (see table 1)
Certificate No.	ECM 16 ATEX - B 280 X
Standards	EN 60079-0 , EN 60079-1 , EN 60079-31, IEC 60529
Material	Copper free Aluminum
Finish	As Aluminum or Electrostatic paint to suit customer Application
Ambient temperature	-30°C to +55°C
Lid Fixing	Flange type by 20 x M10 socket head stainless steel screw
Earthing	M5 External / M8 internal earth stud
Enclosure Mounting	4 slotted fixing holes for (M8) screws

Table 1- Maximum Permitted dissipation power

Type of Enclosure	Tamb (-20°C to + 40°C)			Tamb (-30°C to + 55°C)			Max. Rated Current(A)	Max. Rated Voltage(V)
	T4, T135°C	T5, T105°C	T6, T85°C	T4, T135°C	T5, T105°C	T6, T85°C		
EJB 240-241	793 W	400 W	295 W	693W	295W	215W	850	690

Table 2- Dimension

	Inside Nominal Dimension(mm)			Overall Dimension(mm)			Mounting Dimension(mm)		Weight(Kg)
Type	A	B	C	D	E	F	G	H	
EJB 240	622	415	172	483	689	220	460	646	54.8
EJB 241	622	415	238	483	689	280	460	646	56.8



All information may be revised or changed by SHOMAL at anytime without prior notice or explanation.

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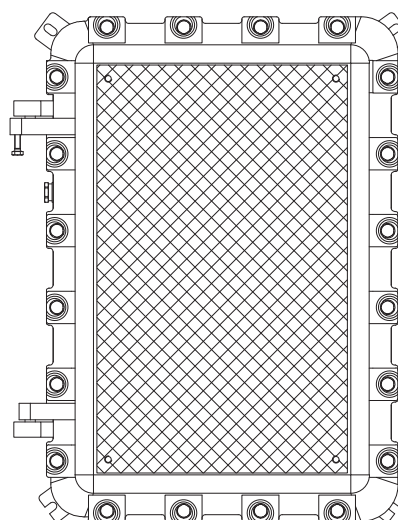
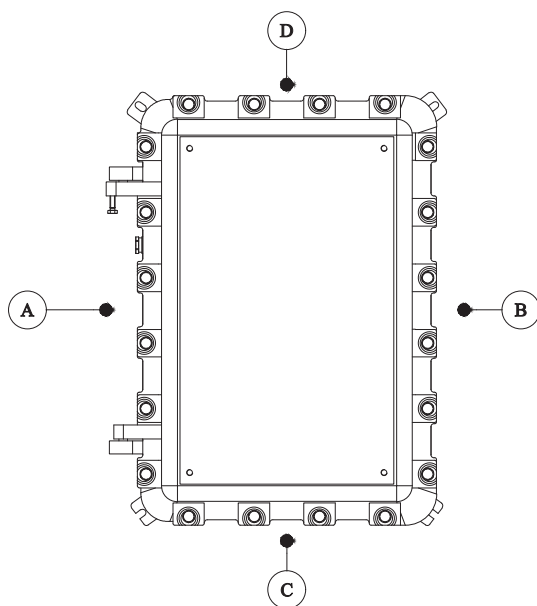
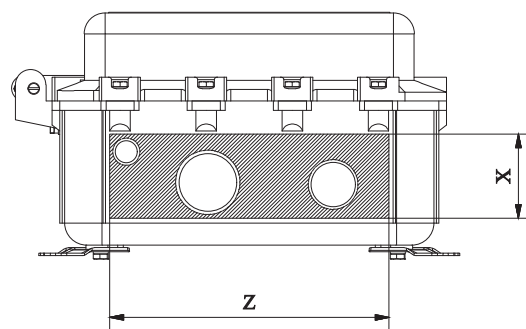
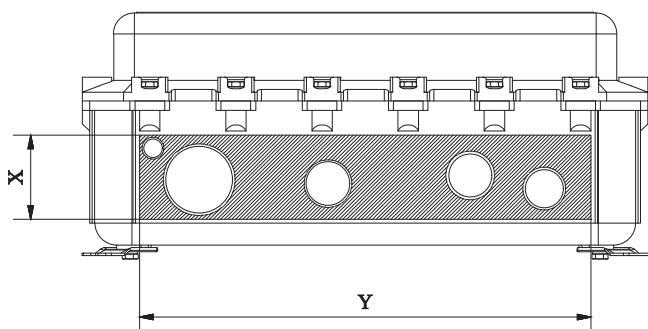


Zone 1,2,21,22



Table 3-Entries for cable gland on sides

EJB	Entry Size	Max. no. of Entries per side								Dimension		
		Metric	M16/M20	M25	M32	M40	M50	M63	M75	X	Y	Z
		NPT	1/2	3/4	1 - 1 1/4	1 1/4 - 1 1/2	2	2 1/2	3			
240 241	No. of Entries(s)/side(A,B)		42	29	15	9	7	5	4	76	522	
	No. of Entries(s)/side(C,D)		27	18	9	5	4	3	2	76		305



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