



Marking to ATEX 94/9/EC Directive: Ex II 2 G Ex d IIB+H₂ T6 Gb / II 2 D Ex t IIIC T80°C Db IP6X

Zone: 1, 2, 21, 22 , Gas Group IIB+H₂

Compliance with: IEC 60079-0:2007, EN 60079-1:2007 (IEC 60079-1:2007)

EC Type Examination Certificate: ISSeP 08 ATEX 015



FEATURES

Enclosure: Copper free aluminium alloy suitable for petroleum and marine locations. Cast iron on request.

Application: EJBT range of enclosures are used with terminals fitted inside as junction boxes.

Range: Manufactured in a range of sizes (table1) for varying number of terminals with different current ratings (table2).

IP rating: IP65 to IEC 529 by application of an approved non-hardening grease for added resistance to ingress of dust and moisture. IP66 & IP67 on request.

Cable entry: ISO 965.1 metric as standard. NPT or other threads supplied on request.

Earthing: Standard M6 internal and external earth screws. Large sizes on request.

Finish: Electrostatic powder coated or two pack epoxy paint.



EJBT10

EJBTS1

EJBTS2

EJBT3

EJBT4R

EJBT5

OPTIONS

Stainless steel screws.

Mounting brackets.

Larger size than M6 earth screw.

Cast iron enclosure.

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تولید کننده تجهیزات الکتریکی ضد انفجار
NM SWITCHGEAR
Explosion Proof Electrical Supplies



EJBT.. Junction Boxes & Terminal Boxes

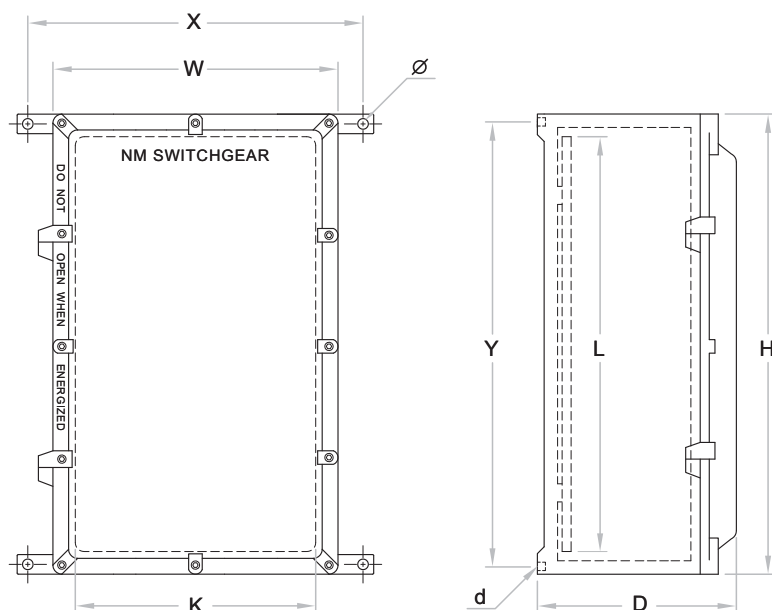


Table 1. EJBT range of enclosures and dimensions (in mm.)

Enclosures always available in stock

ENCLOSURE	OVERALL DIMENSIONS			MOUNTING DETAILS				MOUNTING PALTE		WEIGHT KGS.
CAT NO.	W	H	D	X	Y	d	Ø	K	L	
EJBT10	140	220	111	180	198	M6	8	88	177	3.9
EJBTS1	181	256	184	210	230	M8	10	120	200	7.1
EJBTS2	231	441	196	272	407	M8	10	167	375	15.5
EJBT3	267	344	279	302	308	M8	10	195	275	21.2
EJBT4R	325	430	222	370	362	M10	12	255	345	23.5
EJBT5	442	645	327	480	587	M10	12	350	565	57.4

Enclosures manufactured on request

ENCLOSURE	OVERALL DIMENSIONS			MOUNTING DETAILS				MOUNTING PALTE		WEIGHT KGS.
CAT NO.	W	H	D	X	Y	d	Ø	K	L	
EJBT15	140	220	164	180	198	M6	8	88	177	4.8
EJBT1	130	440	157	160	420	M8	10	75	380	10.2
EJBT2	200	400	196	225	370	M8	10	130	335	14.4
EJBT3R	267	344	222	302	308	M8	10	195	257	16.8
EJBT4	325	430	282	370	361	M10	12	255	345	30.4
EJBT5R	442	645	240	480	587	M10	12	350	565	44.0

Dimensions shown are within manufacturing tolerances

Table 2. Terminal characteristics / No. of poles

TERMINAL CURRENT (AMPS)	MAXIMUM NO. OF TERMINALS PER ENCLOSURE							
	EJBT 10/15	EJBTS1	EJBTS2	EJBT1	EJBT2	EJBT3 / 3R	EJBT4 / 4R	EJBT5 / 5R
Up to 27	26	30	110	56	110	80	200	420
Up to 36	24	26	100	50	100	72	192	400
Up to 47	19	20	84	40	84	60	152	330
Up to 65	...	16	68	34	60	48	120	260
Up to 87	...	14	56	28	24	40	50	130
Up to 145	...	10	40	...	16	26	32	90
Up to 220	...	...	6	...	4	10	14	48
Up to 265	...	...	...	...	...	8	10	38
Up to 415	...	...	...	...	...	...	6	10
Up to 600	...	...	...	...	...	...	5	9