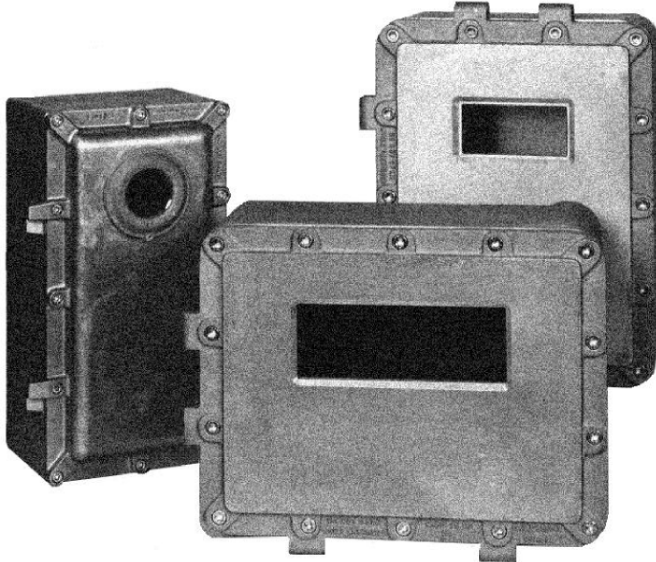


EJB Instrument Enclosures



- ATEX Ex II 2GD approved
- EExd IIB certified
- IP55 or IP66

The JCE range of EJB Flameproof (EExd) control and instrument enclosures are intended for use in areas made potentially hazardous by the presence of flammable liquids, gases, vapours and dusts (Zones 1, 21, 2 and 22). Certified for Groups IIA and IIB locations. Their function is to house a wide range of electrical equipment and devices including terminals, relays, contactors,

Materials and Finish

Body & Cover - Copper free aluminium alloy LM25 (EN AC-42000), (BS EN 1706:1998) with less than 0.2% copper content.

Cover Bolts - Stainless steel (18/8)

Mounting Plate - Mild steel zinc plated (passivated)

Finish - Natural. A corrosion resistant finish is also available, see options

Earthing

All enclosures are supplied with a 6mm stainless steel (18/8) internal and external earth stud as standard. Larger internal earths can be fitted on request.

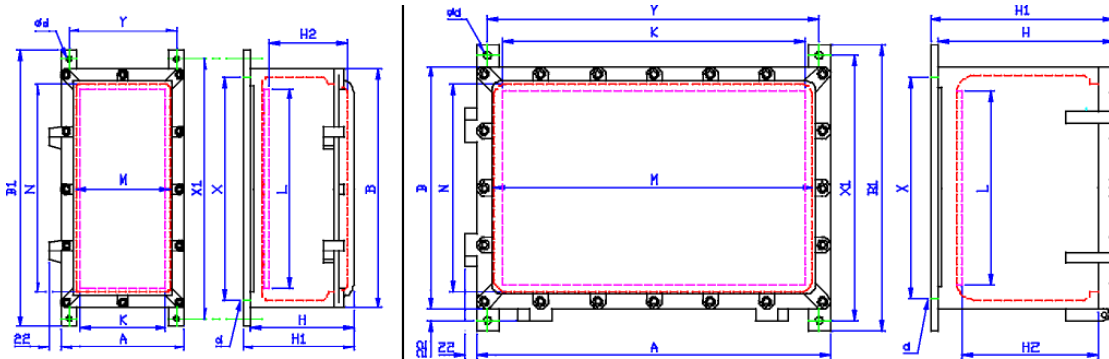
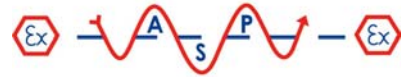
Entries and Thread Standards

Each side of an enclosure will accommodate a varying number of tapped entries. Please provide a sketch indicating enclosure required with size and location of each entry. Standard thread forms available are ISO Metric M20-M90 or 1/2" - 3" NPT.

Protection Grade

Style 'A' flat lid enclosures incorporate a gasket providing Ingress Protection to IP66. All other enclosures are rated IP54, but can be increased to IP66 with the application of Hylomar PL32/M. Application of a non hardening grease to flamepaths and entries is recommended.





ENCLOSURE	OVERALL DIMENSIONS						MOUNTING DETAILS					MOUNTING PLATE		WINDOW	WT KG
	A	B	B1	H	H1	H2	X	X1	Y	d	Ød	K	L		
Cat. No														see below	
EJB5H1	180	260	340	193	208	145	230	300	150	M8	10	120	200	"	7.6
EJB5H2	230	440	520	191	206	125	410	480	200	M8	10	165	375	"	13.9
EJB/H/WH/3A	350	270	350	257	272	190	240	310	320	M12	14	280	200	"	18.5
EJB/H/WH/3RA	350	270	350	217	232	150	240	310	320	M12	14	280	200	"	16.5
EJB/WV/WH/4A	430	330	410	274	289	207	290	370	390	M12	14	345	255	"	33
EJB/WV/WH/4R	430	330	410	217	232	150	290	370	390	M12	14	345	255	"	28.5
EJB5A	640	440	520	317	332	225	400	480	600	M12	14	565	350	"	64
EJB5RA	640	440	520	220	235	128	400	480	600	M12	14	565	350	"	55

EJB5H1	EJB5H2	EJBH3RA EJBH3A	EJB3RA-3A EJB4RA-4A EJB5RA-5A	EJBWH3RA EJBWH3A	EJBWV4RA EJBWV4A	EJBWH4RA EJBWH4A
WINDOW 60mm	WINDOW 60mm	WINDOW 86mm	WINDOW 60mm	WINDOW 75 x 75mm	WINDOW 125 x 60mm	WINDOW 220 x 80mm
NOTE: DEPTH OF ENCLOSURE INCREASED BY 18mm WHEN WINDOW FITTED				NO INCREASE IN DEPTH OF ENCLOSURE		

Options

Hinges available EJB3, 4 and 5, specify long or short side.
Fitted as standard on EJB5H1 and EJB5H2.
Chromate primed and polyester powder coated for added protection against corrosion - available on request.
Mounting Brackets available on request.

Certification

ISSeP03ATEX027U

Catalogue Suffix Numbers:-

R = Reduced Height available on EJB3, 4 and 5.
A = Flat cover available on EJB3, 4 and 5.
C = Hinges

Supplied by:

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This publication is not intended to form the basis of a contract. All the above specifications, dimensions, weights, tolerances etc are typical and may be varied or changed by the manufacturer without prior notice. A.S.P. Electro-Technology accept no liability for consequence of use.