

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, 2, 21 and 22). Certified for Groups IIA, IIB and IIB+H₂ locations.

Their function is to house a wide range of electrical equipment and devices including terminals, relays, contactors,

Materials and Finish

Body & Cover	Aluminium alloy EN AC-42000 (LM25) to BS EN 1706:1998 with less than 0.2% copper content.
	EJBXW2 only—Cast Iron to BS1452 Grade 14
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.

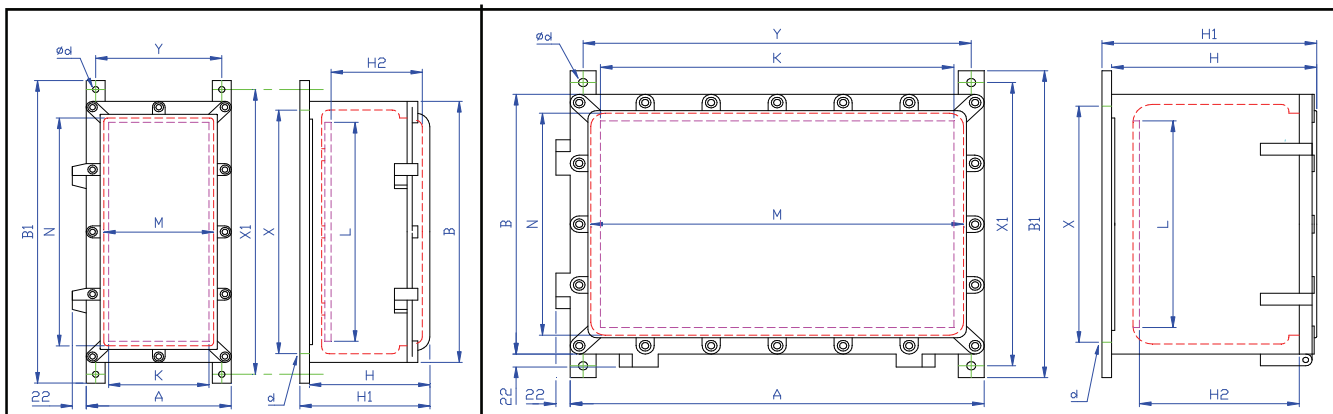
Protection Grade

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.

Certification

ISSeP03ATEX029/ISSeP05ATEX077X
EExd II B T6/Exd IIB + H₂ T6

Dimensions



ENCLOSURE	OVERALL DIMENSIONS						MOUNTING DETAILS					MOUNTING PLATE		WINDOW	WT KG
	Cat. No	A	B	B1	H	H1	H2	X	X1	Y	d	Ød	K		
EJB3H1	180	260	330	193	208	145	230	300	150	M8	10	120	200	“	7.6
EJB3H/XW/2	230	440	510	191	206	120	410	480	200	M8	10	165	375	“	13.9
EJB/WH/3A	350	270	350	257	272	190	240	310	320	M12	14	280	200	“	18.5
EJB/WH/3RA	350	270	350	217	232	150	240	310	320	M12	14	280	200	“	16.5
EJB/WV/WH/WM/WL/4RA	430	330	410	217	232	150	290	370	390	M12	4	345	255	“	28.5
EJB/WV/WH/WM/WL/4A	430	330	410	274	289	207	290	370	390	M12	14	345	255	“	33
EJBWV5A	640	440	520	317	332	215	400	480	600	M12	14	565	350	“	64
EJBWV5RA	640	440	520	220	235	128	400	480	600	M12	14	565	350	“	55

EJB3H1	EJB3H2	EJB3RA-3A EJB4RA-4A	EJBWH3RA EJBWH3A EJBXW2	EJBWV4RA EJBWV4A	EJBWH4RA EJBWH4A	EJBWM4RA EJBWM4A	EJBWL4RA EJBWL4A	EJBW5RA EJBW5A
WINDOW 60mm	WINDOW 60mm	WINDOW 60mm	WINDOW 75 x 75mm	WINDOW 125 x 60mm	WINDOW 220 x 80mm	WINDOW 247 x 199mm	WINDOW 293 x 193mm	WINDOW 125 x 60mm
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 EJB3H1, EJB3H2 and EJBXW2.
 Window positions available on EJBW5RA and EJBW5A.
 Polyester powder coated for added protection against corrosion - available on request.
 Mounting Brackets available on request.

Catalogue Suffix Numbers:-

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

- Specify cable entry and thread form on ordering.
- Details of certification and conformity can be provided on request.
- All products sold subject to our terms and conditions of business.
- Health and Safety at Work Act 1974. In the UK all equipment must be installed and disposed of (as required) within the legislative requirements of the Health & Safety at Work Act 1974.



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