



Isolator Enclosure



The JCE range of FPI Flameproof (Ex d) Isolators are intended for use in areas made potentially hazardous by the presence of flammable liquids, gases, vapours and dusts (Zone 1, 2, 21 and Zone 22). Certified for Group IIB locations.

Designed for 'On Load' isolating of electrical equipment up to 1000A and are available with a padlockable operating handle which can be locked in the 'On' or 'Off' positions (padlock not included).

Variations to our standard specification such as extra poles and auxiliary switches are available. Please contact our sales team for further information.

All enclosures are chromate primed and polyester powder coated for increased protection against corrosion in hostile environments.

Materials and Finish


Body and Cover - Aluminium alloy EN AC-42000 (LM25) to BS EN 1706:1998 with less than 0.2% copper content.

Cover Bolts - Stainless steel (304)

Finish - Polyester powder coated. Textured black as standard. Other finishes available.

Earthing - All enclosures are supplied with a 6mm stainless steel (304) internal and external earth stud as standard. Larger internal earths can be fitted.

Ratings and Approvals

Categories -  II 2 G
II 2 D

Codes - Ex d IIB+H2 T6 Gb
Ex tb IIIC T85°C Db

Protection Grade - IP66

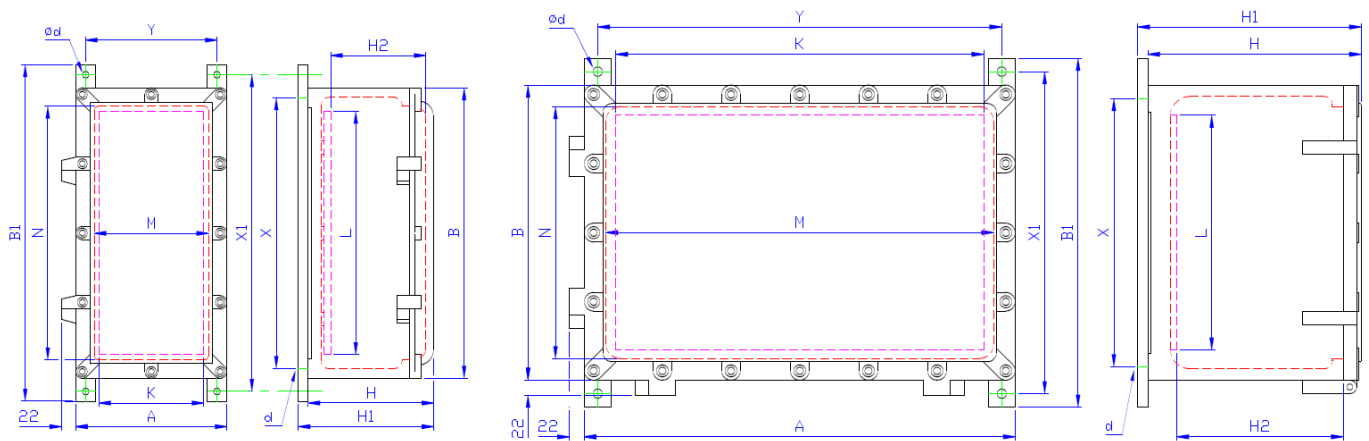
Certificate Nos - TRAC12ATEX0020X
IECEX TRC 12.0008X

Temperature - -20°C to +60°C
-40°C to +60°C

Certification:



Dimensions



ENCLOSURE	OVERALL DIMENSIONS						MOUNTING DETAILS					MOUNTING PLATE		ENCL. OPENING		WT KG
	Cat. No	A	B	B1	H	H1	H2	X	X1	Y	d	Ød	K	L	M	
EJBS1	180	260	340	193	208	145	230	300	150	M8	10	120	200	125	205	9
EJBS2	230	440	520	191	206	125	410	480	200	M8	10	165	375	173	385	16
EJB4RA	430	330	410	217	232	150	290	370	390	M12	14	345	255	360	260	30
EJB5RA	640	440	520	220	235	128	400	480	600	M12	14	565	350	576	376	55
EJB5A	640	440	520	317	332	225	400	480	600	M12	14	565	350	576	360	68

Ordering Information

A range of 3 pole isolators up to 1000A complete with padlockable handle, please select your requirements from the table below.

Rating	Catalogue No.	Entries	Enclosure
40A	FPI 01	2 x M25	EJBS1
63A	FPI 02	2 x M25	EJBS1
80A	FPI 03	2 x M25	EJBS2
125A	FPI 04	2 x M32	EJB4RA
160A	FPI 05	2 x M40	EJB4RA
250A	FPI 06	2 x M50	EJB5RA
315A	FPI 07	2 x M50	EJB5A

Note: Larger ratings available on request.



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- 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.
- We reserve the right to make alterations to the technical data dimensions, weights, designs and product available without notice.
- The illustrations should not be considered legally binding.