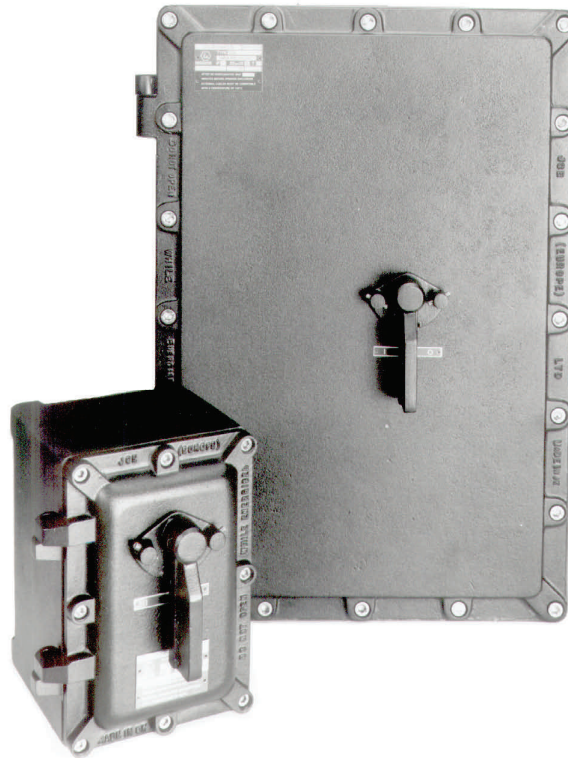


FPI Flameproof (Type 'd') Isolators



II 2 G D



The JCE range of FPI Flameproof (EExd) 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 315A 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 office. All enclosures are chromate primed and polyester powder coated for increased protection against corrosion in hostile environments.

Materials and Finish

| | |
|--------------|--|
| Body & Cover | Aluminium alloy EN AC-42000 (LM25) to BS EN 1706:1998 with less than 0.2% copper content. |
| Cover Bolts | Stainless steel (18/8) |
| Finish | Polyester powder coated. Textured black as standard. Other finishes available on request. |

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

Standard thread forms are ISO Metric M20-M90 and are dependent upon the rating of the isolator. NPT can be supplied on request.

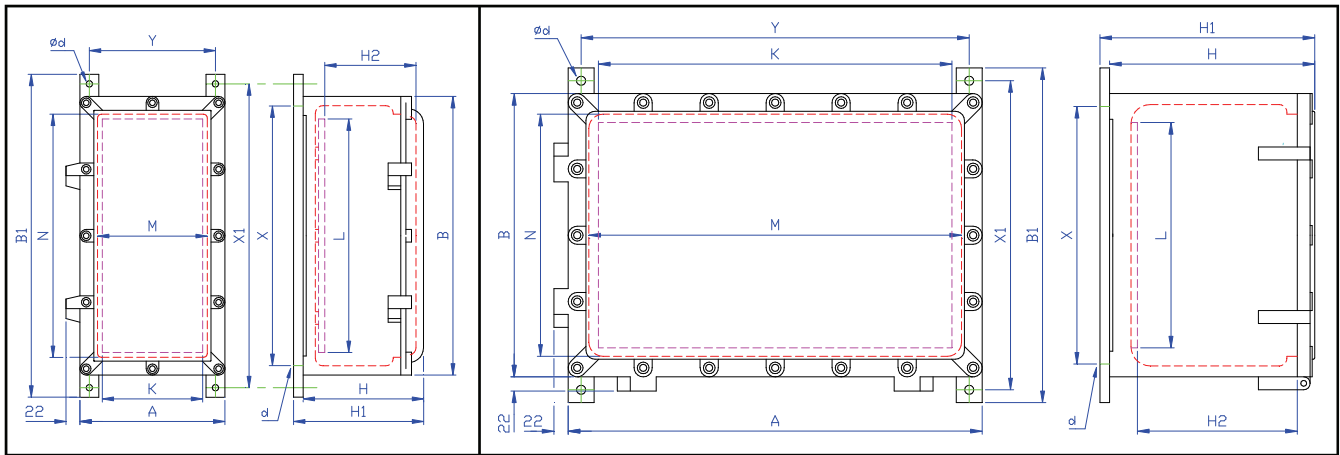
Protection Grade

EJB10/15 and Style 'A' flat lid enclosures incorporate a gasket providing Ingress Protection to IP66. All other enclosures are 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
EExd IIB T6

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 315A 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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- 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.