

## Flameproof (Type 'd') Isolator



### Application

Flameproof isolators are intended for use in areas made potentially hazardous by the presence of flammable liquids, gases or vapours (Zone 1 or Zone 2).

For installation at petroleum refineries, chemical and petrochemical plants and other process industries where a similar hazard exists.

For isolation of electrical equipment up to 300A.

### Features

- Full Certificate of Conformity for Group IIA, IIB and IIC areas.
- Enclosures used are from EJB (EExd IIB) and GUB (EExd IIC) ranges.
- Interlocked padlockable handle (padlock not supplied).
- ISO Metric entries as standard. Other thread entries available on request.
- Hinges fitted as standard.

### Material

Body and cover	-Standard: Copper free aluminium alloy LM25 (BS 1490) -Optional: Cast Iron ISO 185:1998
Cover Bolts	- Standard: Steel zinc plated. - Optional : Stainless steel.

### Finish

Standard:	Two coat of Gray oven backed.
Optional:	Two pack epoxy paint, or electrostatic powdercoated

### Approvals

CENELEC Standards  
EN 50014 / 50018  
ISSeP Certificate of Conformity:  
For EJB Enclosures: 96D.103.1239 EExd-IIB T5  
For GUB Enclosures: 96D.103.1242 EExd-IIC T5



## Protection Grade

IP 54 - Application of an approved non-hardening grease will give added resistance to the ingress of dust and moisture.

-IP65/66

## Entries & thread standards

Thread forms available are ISO metric 965.1 with 1.5 mm pitch, NPT ANSI B1.20.1, ISO 228.1 (G), or DIN 40430 (PG).

## Options

Mounting brackets and screws.  
Stainless steel bolts. Epoxy paint or electrostatic powder coated.  
Cast Iron body and cover.

## Earthing

All enclosures are supplied complete with a 6 mm<sup>2</sup> internal and external earth stud as standard.

## Mounting

For EJB enclosures, mounting is by four blind holes drilled and tapped in back of enclosure. For GUB enclosures mounting holes are a part of enclosure. Mounting brackets are also available as an optional extra, see 'Options'.

## Ordering Information

A range of 2, 3 and 4 pole isolators up to 300 A complete with interlock padlockable handle is available. Please specify No. of pole and isolator rating when ordering.

Rating	Cat. No.	Entries
Up to 40 A	FPT 01	2 x M25
63 A	FPT 02	2 x M32
80 A	FPT 03	2 x M40
125 A	FPT 04	2 x M40
200 A	FPT 05	2 x M40
300 A	FPT 06	2 x M50

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- Specify cable entry and thread forms on ordering.
- Specify any optional accessories, if required.
- Design is subject to alteration without notice.