

Explosion proof enclosures from Cortem UK

Cortem UK is a specialist manufacturer of hazardous area products for the oil, gas and petrochemical industries worldwide. As an independent UK-based manufacturer, Cortem UK provides bespoke engineered solutions in the design and assembly of specialist EEx d, EEx e, EEx ia, EEx nA and EEx nR hazardous area products, UK, European and Gost certified.

EEx d Custom Build Enclosures Marine Grade Aluminium, or 316L Stainless Steel

A market leader for specialist flameproof enclosures Cortem UK offers quality and competitive bespoke solutions for a comprehensive range of robust EEx d systems approved to European, Russian and Australian certification to both Gas and Dust requirements.



Designed to withstand wet, dusty and corrosive environments the marine grade aluminium and 316L stainless steel IP66 CCFE, CCA and S Ranges are manufactured to give the highest levels of protection in extreme offshore and onshore environments.



Cortem EExd IIB and IIC ranges are ideal for all junction box, control and instrumentation applications such as process control systems, motor starters, annunciation units, PLC systems, instrumentation panels, cable termination boxes and electronic equipment.

Featuring hinge doors, threaded covers, mounting brackets and stainless steel cover bolts the Cortem enclosures are drilled and threaded to the customer's specification offering a long-life and low maintenance EEx d solution.



ATEX-approved electrical devices for external operation include pushbuttons, indicator lamps, switches, isolators, remote control switches: all for gas and dust zone 1 and 2 applications.

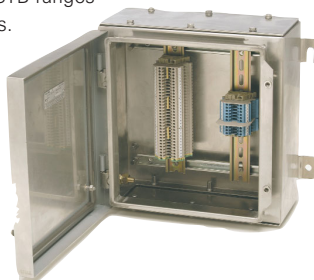


Internal device options include motor control, instrumentation, transformers, circuit breakers, distribution panels etc.

Optional anti-condensation coating, support brackets, drain and breather valve and glass windows are also available.

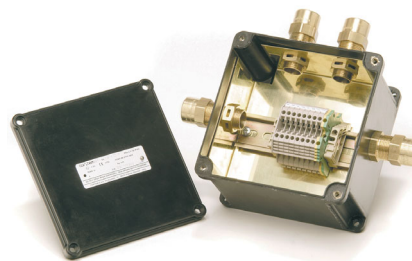
EEx e CTB Junction Boxes 316L Stainless Steel, or Mild Steel Pre-galvanised and painted

The Cortem Terminal Box Range features the IP66 CTB and CSTB ranges and is fully compliant with the latest European ATEX standards. Over 200 standard variant sizes and materials are available, along with a number of surface treatments, finishes, mounting options and accessories, positioning the CTB Range as one of the most comprehensive available to date. The CTB and CSTB stainless steel or mild steel terminal boxes are Sira certified to EEx e and EEx ia for use within gas and dust environments for Zones 1, 2, 21 and 22. Suitable for worldwide applications with ambient temperature ranges of -50°C to +55°C for both T5 and T6 applications



EEx e and EEx ia SA Junction Boxes GRP or Aluminium

The SA and SAG IP66 Junction Boxes are manufactured from GRP, marine grade aluminium or marine grade aluminium heavy duty and are certified for use within gas and dust environments for Zones 1 and 2. Constructed with a neoprene gasket, the SA junction boxes are available with or without continuity plates and offer extreme protection in highly corrosive environments.



Quality assurance and ATEX

Stringent quality procedures are fully adhered to from design to manufacture and assembly, in accordance with the ISO 9001:2000 accreditation held by Cortem UK.

All products under the Cortem brand fully comply with the requirements of the ATEX Directive 94/9/EC and have received the latest certification approvals from leading industry bodies including SIRA, CESI, GOST-R, GOST-K and Aus.

With a manufacturing facility in the UK, Cortem UK offers a highly competitive and quick turnaround service for all EX solutions.

SIRA FPAL CESI GOST ATEX EAQA

CORTEM UK LTD

**T: +44 (0) 1670 813275 www.cortem.co.uk
Part of the A-Belco Group www.a-belcogroup.co.uk**

