

Exd, Weatherproof



Introduction

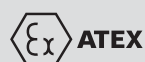
This range of custom built control units can be used individually or combined to provide hazardous area systems for indoor or outdoor use.

The enclosures can be fitted with a comprehensive range of components.

Features

- Zone 1 & Zone 2 use.
- Isolators.
- Relays.
- Contactors.
- Transformers.
- MCBs.
- Fuses.
- Rotary Switches.
- Printed Circuit Boards.
- Invertors (fan cooled).
- PLCs.
- Meters.
- Indicators.
- Pushbuttons.
- Potentiometers.
- RCDs (ELCBs).
- Timers.
- IS Components.
- Clients' Products.
- 19" Racks.
- Fire & Gas Panels.
- Exd.
- ATEX approved Ex II 2GD*.
- IP65 & 66*.
- Variety of Enclosures.
- Variety of Covers.
- Cast Iron, Stainless Steel & Marine Grade Alloy*.
- Component Certified.

**Model dependent*

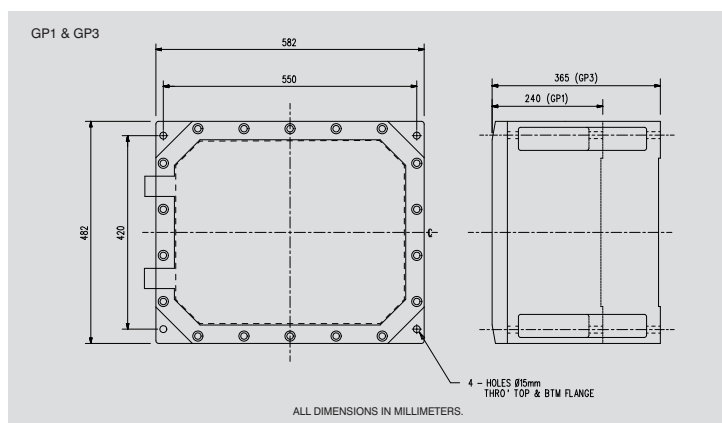
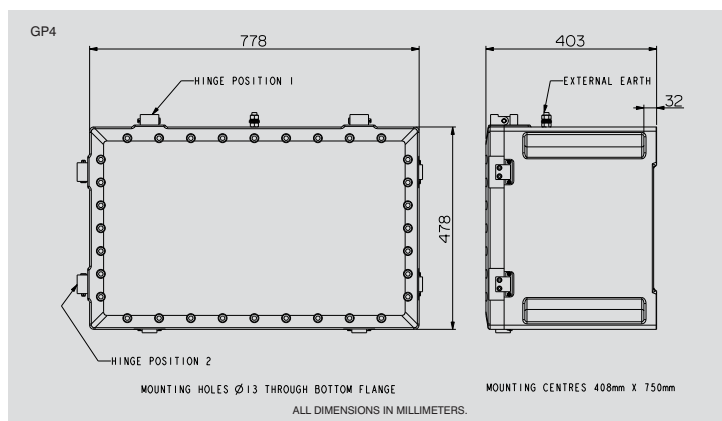
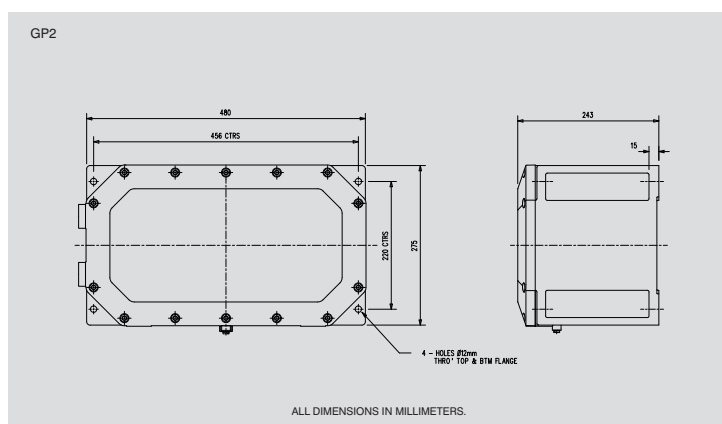
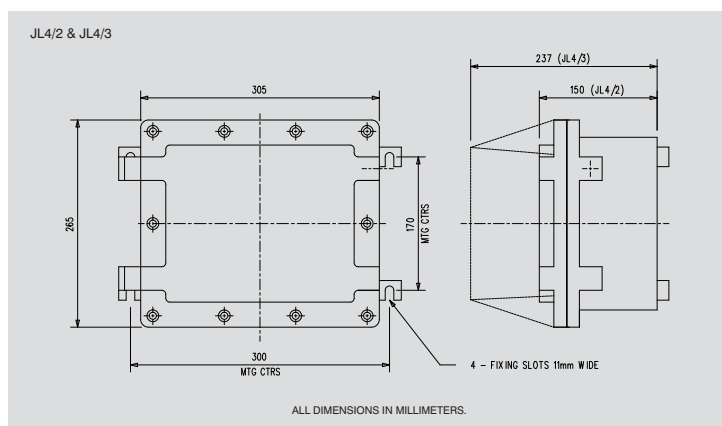


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Certification and Specification

Certification:	JL, GP1 & GP3: Exd IIB T4/T6. GP2 & GP4: Exd IIB Gb, Ex tb IIIC Db, IP6X. ATEX approved. Certified to EN50014, EN50018/EN60079-0, EN60079-1, EN60079-31. Component approved enclosures simplify certification where clients wish to fit their own components into the enclosures.
Material:	Cast iron (GP1, 2 & 3, & JL). S/S 316 (JL4/2, JL4/3 & GP2). Marine grade alloy LM25TE (GP2 & GP4).
Finish:	Corrosion resistant epoxy paint.
Certified Temp:	GP1 & 3 = -40°C to +40°C/55°C. GP4 = -55°C to +60°C. GP2 = -40°C to +40°C/55°C. JL4 = -55°C to +40°C/55°C.
Weight:	GP1 149Kg, GP3 182Kg, GP4 146Kg, GP2 70Kg, JL 40Kg. Weight is for unpopulated enclosure and is material dependent.
Ingress Protection:	IP65 (note GP2, GP3 & GP4 IP66).
Entries:	16, 20, 25, 32, 40, 50, 63 or M75. Contact MEDC for further options.
Isolators:	Up to 800 amp (AC1).
Rotary Switches:	Up to 24. Model dependent.
Pushbutton:	Up to 36. Model dependent.
Potentiometers:	Contact MEDC.
Circuit Breakers:	MCB up to 63A. MCCB up to 800A. Base plated and door mounted options.
Meters:	Mounted behind 70 or 100mm diameter windows or 80mm square windows. Ammeters up to 60A direct connected or via CT. Voltmeters up to 660V. Hours run and counters.
Indicators:	Mounted behind Ø25mm windows. Multiple mounted behind Ø70mm, Ø100mm windows & 80mm ² windows.
Fuses:	Up to 660V, 200A.
Contactors:	Up to 200kw (AC 3).
Earth Leakage:	Up to 200A.
Transformers:	Up to 5KVA.
Relays:	Up to 600V.
Timers:	Electrical, mechanical or electro-mechanical.
I.S. Equipment:	Please consult MEDC with your requirements.
Support Frames:	Units can be supplied on free standing frames if required.
Printed circuit boards.	19" rack equipment – Mounted behind 300mm x 50mm window.
Additional Options.	PLC's motor soft starts, contactors, invertors (VSD) up to 37KW.



Ordering Requirements Please consult MEDC technical sales department to discuss your particular requirements.



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