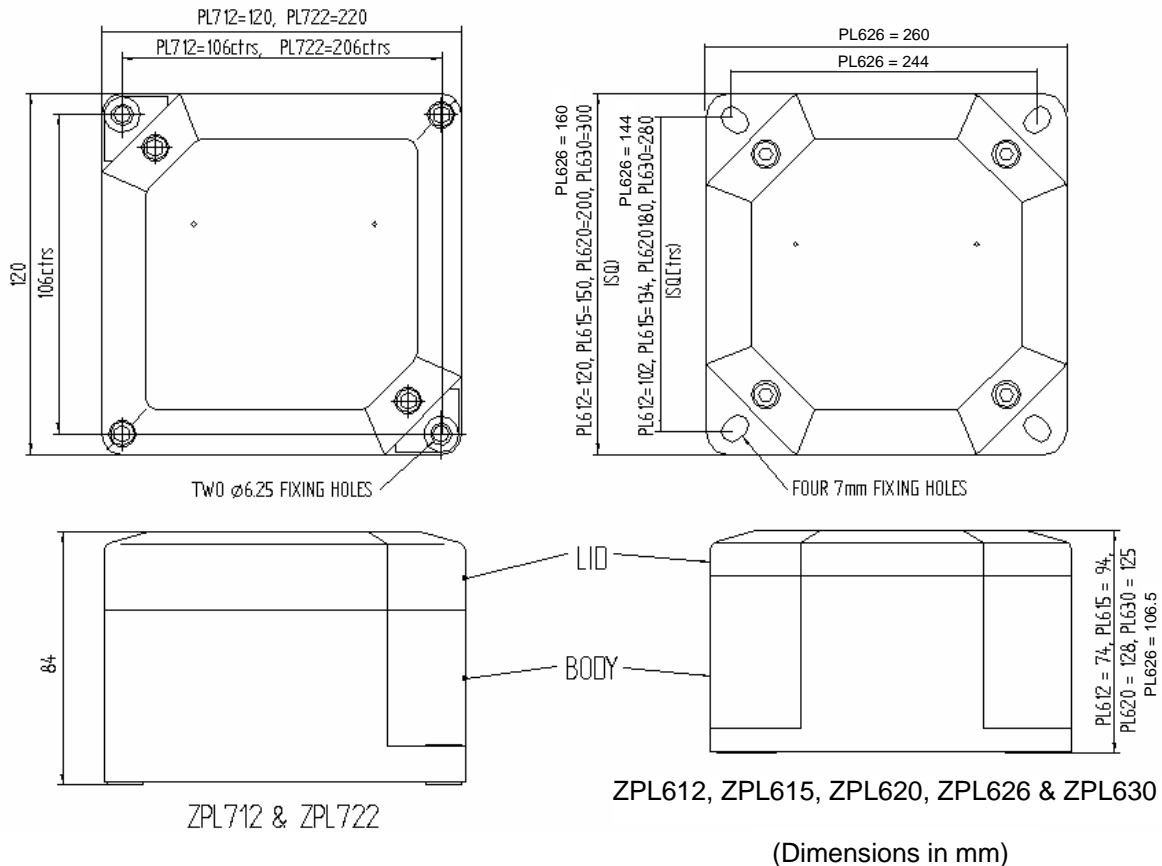


COMPONENT CERTIFIED ENCLOSURE

IMPORTANT: THIS DOCUMENT SHOULD BE READ CAREFULLY BEFORE COMMENCING INSTALLATION



CERTIFICATION MARKING :

STANDARD ENCLOSURE ZPL6 & ZPL7** (Including when fitted with breather/Drains that satisfy IP6*) :**

ZPL6** : II 2 GD EExe II BAS01ATEX2101U – IP 6*,

ZPL7** : II 2 GD EExe II BAS01ATEX2102U – IP 6*

ALTERNATIVE ENCLOSURE ZPL6/1 & ZPL7**/1 (When fitted with breather/drains that satisfy IP5*) :**

ZPL6**/1 : II 2G 3D EExe II BAS01ATEX2101U – IP 5*,

ZPL7**/1 : II 2G 3D EExe II BAS01ATEX2102U – IP 5*

ZONES OF USE OF COMPONENT CERTIFIED ENCLOSURE :

CAT II 2G for use in Zone 1. Areas as defined in BS EN 60079-14.

CAT II 2D for use in Zone 21 or 22. Areas defined in EN 50281-1-2

CAT II 3D for use in Zone 22. Areas as defined in EN 50281-1-2 (Non-Conductive Dusts)

MAXIMUM SERVICE TEMPERATURE :

ZPL6** : -60°C to +75°C

ZPL7** : -20°C to +75°C

Component Certified Enclosure Only, additional certification required when assembled with other electrical equipment

TO OPEN THE LID :

1. Untighten the M5 lid securing screws.
2. Carefully remove the lid ensuring the gasket is not displaced or damaged.

TO CLOSE THE LID :

1. Check that the gasket is correctly located in the groove in the underside of the lid and undamaged. Ensure that the correct lid is refitted.
2. Locate and tighten all the M5 lid securing screws into the box body.

ENCLOSURE INSTALLATION (EI)

- a) The IP rating of the enclosure must be maintained for the area of use (e.g. IP6* for Zone 21 dust environment) by the use of correct arrangement of cable / gland / sealing arrangements and in accordance with the installation codes as detailed in BS EN 60079-14, EN 50281 and these instructions.
- b) Where other certified components are part of the assembly, the user must take account of any limitations listed on relevant certificates.
- c) If an optional Breather / Drain as listed on the enclosure certificate is fitted the enclosure must be sited such that the Breather / Drain is pointing vertically downwards from the bottom of the box, and the IP rating of the selected Breather / Drain **shall** match the IP rating of the enclosure.
- d) The enclosure may be ready supplied with cable entries. If the customer drills (and taps if required) cable entries they must be installed in accordance with the component certificate BAS01ATEX2101U or BAS01ATEX2102U enclosure limitations, these specify holes shall be drilled perpendicular to the enclosure face and a maximum clearance on the entry thread for plain holes of 0.7mm and maximum plain hole diameter of 34mm and where adjacent cable entries are installed sufficient clearance must be maintained to allow for the fitting of sealing / retaining washers and the rotation of the cable gland hexagons, and leave a minimum of material between adjacent holes inline with the above certificate numbers.
- e) All unused entry apertures must be sealed using a suitably approved stopping plug as listed on the enclosure certificate, and also to maintain the required IP rating for the zone of use.

EARTHING

- a) The earth leads must in accordance with EN50 014 : 1997 : Clause 15.4 : Table 3.

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