

**IMPORTANT:** This document should be read carefully before commencing installation

**Zones of Use of Terminal Box**

CAT II 2G for use in Zone 1. Areas as defined in IEC/EN 60079-14.  
CAT II 2D for use in Zone 21 or 22. Areas as defined in IEC/EN 60079-31.

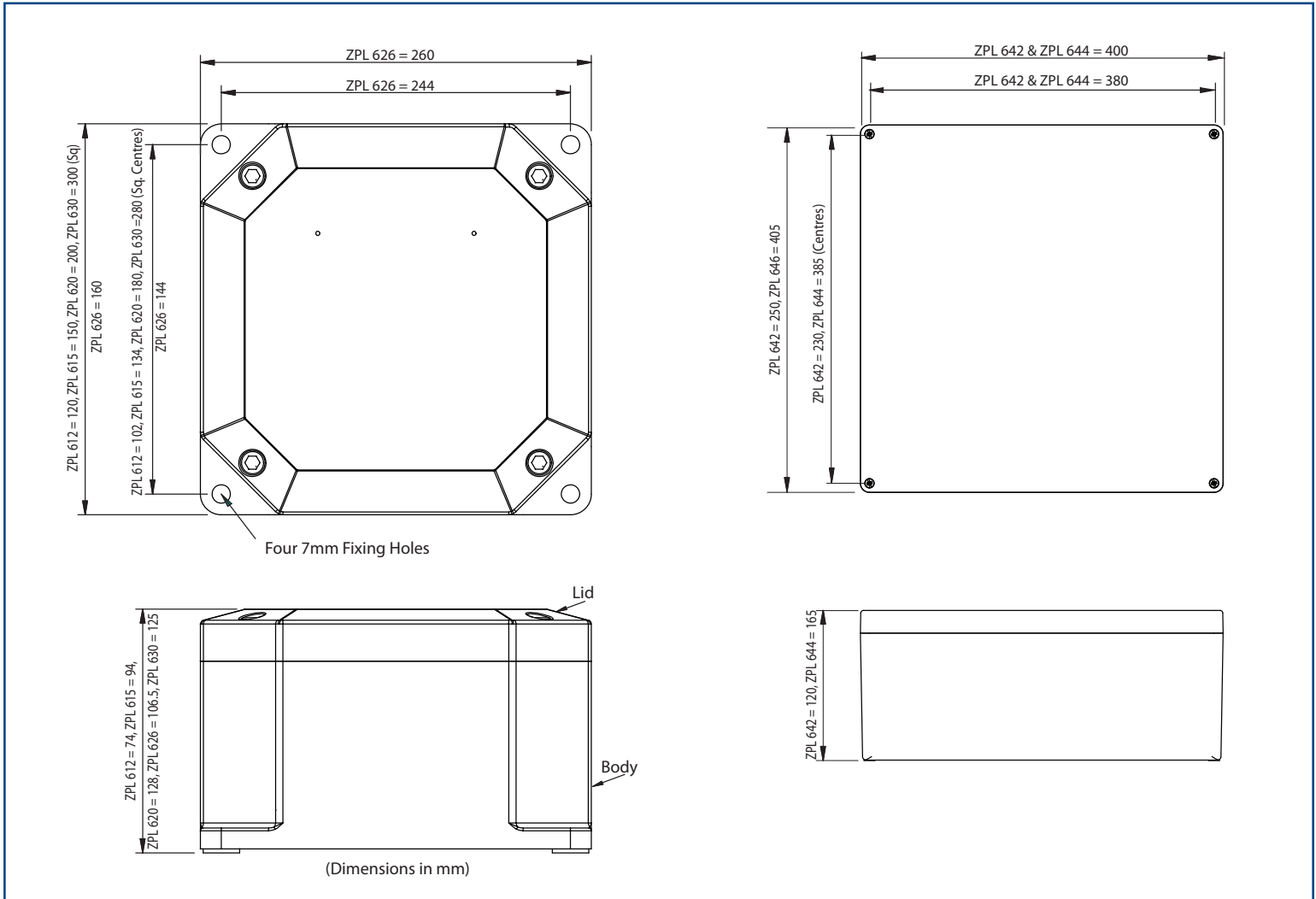
**Service Temperature**      **Minimum Installation Temperature: -5°C**  
ZPL 6\*\* -60°C to +75°C

**Certification Details**

Box Type: ZPL6\*\* Series  
 Ⓢ II 2 GD Exeb IIC Gb , Extb IIIC Db IP66 CE  
 Baseefa 06ATEX0116U  
 IEC Ex BAS06.0027U  
 CEPEL 13.2282X - excl. ZPL642 & ZPL644  
 EAC Ex No: TC RU C-GB.Г505.B.00750 - excl. ZPL642 & ZPL644

## Component Certified Enclosure Only

**additional certification required when assembled with other electrical equipment.**



**SCHEDULE OF LIMITATIONS:**

1. The enclosures shall not be exposed to temperatures outside the range of -60°C to +75°C.
2. Unused entry holes shall be fitted with stopping plugs as specified in the description below. The operating temperature range of the enclosure is limited to that of the stopping plug fitted.
3. Only breather / drain devices as specified in the description below may be used with these enclosures. The breather / drain devices must be installed in their correct orientation in the bottom face gland plate of the enclosure. the operating temperature range of the enclosure is limited to that of the breather / drain device fitted.
4. **Unused entries may be fitted with alternative stopping plugs and/or breather drains to those listed in the schedule. The user is responsible for ensuring that the protection concept temperature class and relevant IP rating are maintained.**

The enclosures may be fitted with the following certified stopping plugs, int/ext earth studs and breather drain devices:				
Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	375	IECEX BAS 12.0065X / Baseefa12ATEX0095X Operating Temp. -60°C to +75°C	IP 66/67
Hawke	Stopping Plug	387	IECEX BAS 06.0029U / Baseefa06ATEX0118U Operating Temp: Nitrile O'Ring -60°C to +80°C Silicone O'Ring -60°C to +160°C	IP 66/67
Hawke	Stopping Plug	390	IECEX BAS 11.0079X / Baseefa11ATEX0157X Operating Temp: Nitrile O'Ring -60°C to +80°C Silicone O'Ring -60°C to +160°C	IP 66
Hawke	Internal/External Earth	IES 10 IES 6/12 ES 6/12	IEC Ex BAS090013U / Baseefa09ATEX0039U Operating Temp: -60°C to +200°C	IP 66
Hawke	Stopping Plug	487	IECEX BAS 11.0071X / Baseefa11ATEX0149X Operating Temp: Nitrile O'Ring -60°C to +80°C Silicone O'Ring -60°C to +160°C	IP 66/67
Hawke	Breather Drain	389	IECEX BAS 11.0075X / Baseefa11ATEX0153X Operating Temp: Nitrile O'Ring -60°C to +80°C Silicone O'Ring -60°C to +160°C	IP 66
Hawke	Breather Drain	385	IECEX BAS 11.0075X / Baseefa11ATEX0153X Operating Temp: -60°C to +80°C	IP 66

#### EXTERNAL EFFECTS AND AGGRESSIVE SUBSTANCES:

The end user shall take into consideration for health and safety regulations when changing environmental conditions and in the presence of extraneous voltages, humidity, vibrations, contamination and other external effects, take into account the limits of the operating conditions established by Hawke International.

Equipment parts used must be appropriate to the intended mechanical and thermal stresses and capable of withstanding attack by existing or foreseeable aggressive substances.

#### TO OPEN THE LID:

1. Untighten the lid securing screws.
2. Carefully remove the lid ensuring that 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. If the lid has been removed, ensure the correct lid is refitted.
2. Locate and tighten all the 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 IEC/EN 60079-14, IEC 60078-14, IEC/EN 60079-31 and these installation instructions.
- b) The enclosure may be ready supplied with cable entries. Where the customer drills cable entries they must be installed in accordance with the component certificates Baseefa 06ATEX0116U or IEC Ex BAS 06.0027U and enclosure limitations, these specify a maximum clearance on the entry thread of 0.7mm for plain holes 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 in line with the above certificate number(s).

#### EARTHING:

Enclosures shall be earthed in accordance with the relevant code of practice e.g. IEC/EN 60079-14 and IEC/EN 60079-31.

**EC Declaration of Attestation in accordance with European Directive 94/9/EC (until 19th April 2016) and  
EU Declaration of Attestation in accordance with European Directive 2014/34/EU (from 20th April 2016)**

**Manufacturer: Hawke International**

**Address: Oxford Street West, Ashton-under-Lyne, OL7 0NA, United Kingdom.**

**Equipment Type: ZPL6 Series**

**Provisions of the Directive fulfilled by the Equipment:** Group II Category 2GD Exeb IIC Gb, Extb IIIC Db– IP66

**Notified Body for EC-Type Examination:** Baseefa 1180 Buxton UK

**EC-type Examination Certificate:** Baseefa06ATEX0116U

**Notified Body for production:** SGS-Baseefa 1180 Buxton UK

**Harmonized Standards used:** EN IEC60079-0: 2018, EN60079-7: 2015, EN60079-11: 2012, EN60079-31: 2014.

**Other Standards and Specifications used:**

EN 60079-0:2009 (Technically identical to IEC 60079-0:2011 which is harmonised) and EN 60079-31:2009 (Technically identical to EN 60079-31:2014) show no significant changes relevant to this equipment so EN 60079-0:2009 and EN 60079-31:2009 continue to represent "State of the Art". The EC-Type Examination Certificates confirm that the Notified Body agrees with this assessment.

**On behalf of the above named company, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.**



.....  
**A. Tindall**

**Technical Manager**