

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

Ex II 2 GD Exe IIC Gb , Extb IIIC Db IP66 CE

Baseefa 06ATEX0116U

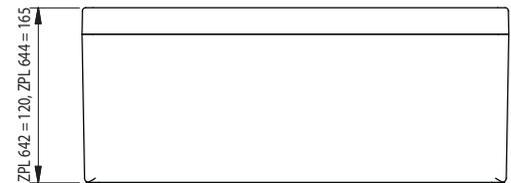
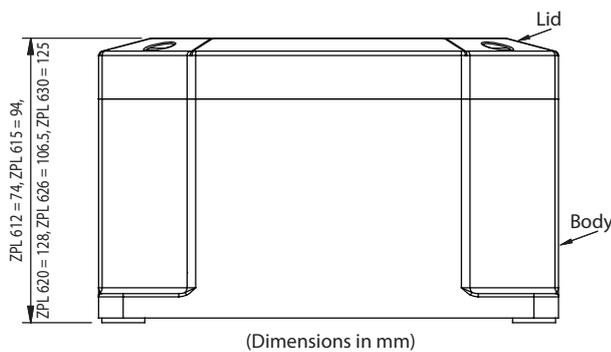
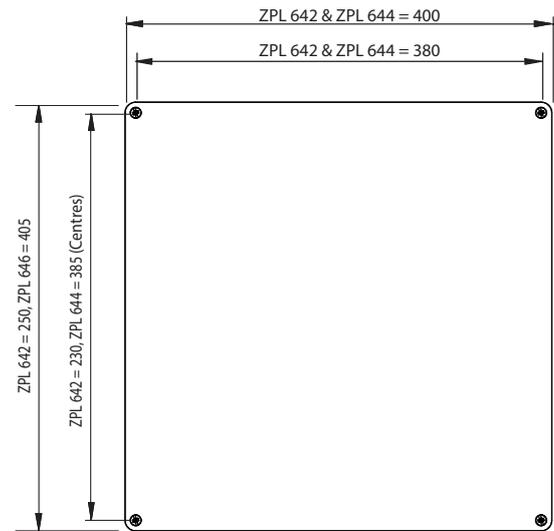
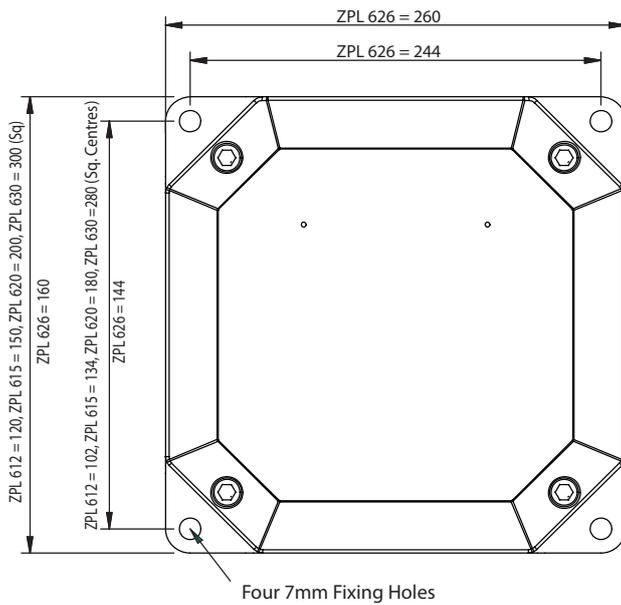
IEC Ex BAS06.0027U

CEPEL 13.2282X - excl. ZPL642 & ZPL644

EAC Ex No: TC RU C-GB.ГБ05.В.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 and breather drain devices:				
Manufacturer	Product	Type	Certificate Number	IP Rating
Hawke	Stopping Plug	375	IECEX BAS 06.0056U / Baseefa06ATEX0236U Operating Temp. -60°C to +75°C	IP 66
Hawke	Stopping Plug	387	IECEX BAS 06.0029U / Baseefa06ATEX0118U Operating Temp: Nitrile -60°C to +80°C Silicone -60°C to +160°C	IP 66
Hawke	Stopping Plug	387/1	Sira 06ATEX1240U - Operating Temp. -20°C to +60°C	IP 66
Raxton	Stopping Plug	CK, CQ, CF & CB	Sira 00ATEX1073U - Operating Temp. -20°C to +60°C	IP 66
Redapt	Stopping Plug	PD-E-4	Sira 00ATEX3091 - Operating Temp. -60°C to +75°C	IP 66
Redapt	Stopping Plug	PD-U	Sira 00ATEX1094 - Operating Temp. -60°C to +75°C	IP 66

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 Exe 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 60079-0:2009, EN60079-7:2007, EN60079-31:2009.

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.



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A. Tindall
Technical Manager