



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEx LOM 20.0007X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-10-20

Applicant: **Ex-tech Solution**  
22, impasse de la Volute - BP 20708  
16430 Champniers  
France

Equipment: **Pendant control station Type XAWP...**

Optional accessory:

Type of Protection: **Increased safety "eb"**

Marking: Ex db eb IIC T6 Gb  
Ex db eb mb IIC T6 Gb

Approved for issue on behalf of the IECEx  
Certification Body:

**Javier García Torrent**

Position:

**Certification Committee**

Signature:  
(for printed version)

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Date:

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1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

**Laboratorio Oficial J.M. Madariaga (LOM)**  
**Fundación General Universidad Politécnica de Madrid**  
**Calle Eric Kandel, 1**  
**28906 Getafe (Madrid)**  
**Spain**





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Manufacturer: **Ex-tech Solution**  
22, impasse de la Volute - BP 20708  
16430 Champniers  
**France**

Additional  
manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-7:2015** Explosive atmospheres – Part 7: Equipment protection by increased safety "e"  
Edition:5.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[ES/LOM/EXTR20.0014/01](#)

Quality Assessment Report:

[FR/INE/QAR08.0008/11](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The XAWP series are increased safety pendant boxes primarily intended for use with cranes and hoists. The boxes are of various sizes incorporating certified control and signalling components mounted on the cover; These elements, in addition to increased safety, have protection modes by flameproof and encapsulated envelopes. To support the weight of the boxes, it is carried out by means of a fixing for a steel cable that can be part of the electrical cable.

The boxes are made of fiberglass reinforced polyester.

Ambient temperature:  $-20\text{ °C} \leq T_a \leq +60\text{ °C}$

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

- The boxes must be fixed using appropriate suspension elements or specific electrical cables
- During installation, the user will take into consideration that the control units underwent only a shock corresponding to an energy of a low risk
- The equipment must be protected from ultraviolet radiation
- The tightening torque of the screws must be limited to those indicated in the instruction manual
- The cable entry is suitable for diameters between 10 and 16 mm

## **Annex:**

[IECEx LOM 20.0007X\\_Annex\\_issue0\\_1.pdf](#)



# IECEX Certificate of Conformity

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## Technical data:

Variant	External dimensions (mm)			Maximum number of switching or signalling elements on the cover
	A	B	C	
XAWP029	410	98	76	2
XAWP049	500	98	76	4
XAWP069	590	98	76	6
XAWP069D	603	246	76	12
XAWP089	680	98	76	8
XAWP089D	693	246	76	16

## Electric characteristics:

Contact block ZBWE...series (IECEX INE13.0063U)

Maximum Voltage: 415V  
Maximum current: 10A

Signalling lamps ZBWV/L... series (IECEX INE16.0039U)

Rated Voltage: 24 to 254V  
Rated current: 2 to 10mA

Signalling lamps ZBWV/L...B series (IECEX INE16.0039U)

Rated Voltage: 6 to 24V  
Rated current: 14 to 21mA

Resistor ZBWR... series (IECEX INE16.0039U)

Maximum Voltage: 230V  
Maximum current: 40 mA