



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx INE 16.0056X Issue No: 0 Certificate history:  
Issue No. 0 (2017-05-19)

Status: **Current**

Date of Issue: **2017-05-19** Page 1 of 3

Applicant: **ARIET**  
Via Monza, 13  
I - 20060 Bussero (MI)  
Italy

Equipment: **Box 0-R**  
Optional accessory:

Type of Protection: **db, tb**

Marking:  
Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db

Approved for issue on behalf of the IECEx  
Certification Body:

Thierry HOUEIX

Position:

Ex Certification Officer

Signature:  
(for printed version)



Date:

2017-05-19

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.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

INERIS  
Institut National de l'Environnement Industriel  
et des Risques, BP n2  
Parc Technologique ALATA  
France



# IECEX Certificate of Conformity

Certificate No.: IECEX INE 16.0056X

Issue No.: 0

Page 1 of 1

Annex: IECEX INE 16.0056X-00\_Annex.pdf

## PARAMETERS RELATING TO THE SAFETY

The different modules have to be supplied with the following rated voltage:

- Maximum supply Voltage : 750 Vac or 600 Vdc
- Maximum current : 15 A
- Clamps section : from 2,5 to 4 mm<sup>2</sup>
- Nominal Frequency : 47 to 60Hz
- Maximum power : 5 W

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

- ARIET  
I - 20060 Bussero (MI)
- BOX 0-R
- IECEX INE 16.0056X
- (Serial number)
- Ex db IIC T6 Gb
- Ex tb IIIC T85°C Dc
- Tamb: -50°C or -20°C to +40°C or +55°C
- **WARNINGS:** DO NOT OPEN IF AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

## ROUTINE EXAMINATIONS AND TESTS

### **For enclosures made in stainless steel or in aluminium:**

In accordance with clause 16.2 of the IEC 60079-1 standard this type of enclosure is exempted of routine test in owing to the fact it has undergone a static type test under 37.4 bar corresponding to 4 times the reference pressure for -50°C.

### **For enclosures made in steel alloy, bronze alloy or brass:**

In accordance with clause 16.1 of the IEC 60079-1 standard, each apparatus must have successfully passed, before delivery, an overpressure test of a period comprised between 10 and 60 seconds under 14 bar corresponding to 1.5 times the reference pressure for -50°C.