



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

Certificate No.: IECEx LCI 12.0006 issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2012-03-06** Page 1 of 3

Applicant: **A.T.X.**
E.I.N. 35 rue André DUROUCHEZ
CS98017
80084 AMIENS Cedex 2
France

Electrical Apparatus: **Flameproof Bulkhead**
Optional accessory:

Type of Protection: **d and tD**

Marking: **A.T.X.-APPLETON**
Address: ...
Type: HBOd
Serial number: ...
Ex d IIB T... (See table of temperature for gas)
Ex tD A21 IP66 T... (See table of temperature for dust)
IECEx LCI 12.0006

WARNING : DO NOT OPEN WHEN ENERGIZED
AFTER DE-ENERGIZING, DELAY Y MINUTES BEFORE OPENING (See temperature
tables)
Temperature at branching point: see temperature table

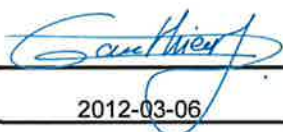
Approved for issue on behalf of the IECEx
Certification Body:

Julien GAUTHIER

Position:

Certification Officer

Signature:
(for printed version)


2012-03-06

Date:

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:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France



LCIE



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Manufacturer: **A.T.X.**
E.I.N. 35 rue André DUROUCHEZ
CS98017
80084 AMIENS Cedex 2
France

Manufacturing location(s):

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 electrical apparatus 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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical 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:
FR/LCI/ExTR12.0006/00

Quality Assessment Report:

FR/LCI/QAR07.0008/05



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Lighting fixture which can operate in all positions with 6 type of light sources:

- - fluorescent compact: 7W, 11W and 15W
- - Incandescent: 60W and 100W
- - LED module lighting

The glass can be tinted inside by a suitable spray-on ink, as an optional feature.

ROUTINE TESTS

Each enclosure shall be submitted to an overpressure test at 8,6 bars according to § 16.1 of IEC 60079-1

TEMPERATURE TABLES

For gas

Power and source	T° class for Ta=+40°C	Cables Temp. for Ta=+40°C	Delay before opening
7W fluo compact	T6	/	/
11W fluo compact	T6	/	/
15W fluo compact	T6	/	/
60W incandescent	T4	119°C	10 min
100W incandescent	T4	119°C	10 min
LED lighting module	T6	/	/

For Dust

Power and source	surface temp. for Ta=+40°C	Cables Temp. for Ta=+40°C	Delay before opening
7W fluo compact	76°C	/	/
11W fluo compact	76°C	/	/
15W fluo compact	76°C	/	/
60W incandescent	119°C	119°C	10 min
100W incandescent	119°C	119°C	10 min
LED lighting module	58°C	/	/

CONDITIONS OF CERTIFICATION: NO