



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 04.0034U**

Issue No.: 1

Status : **Current**

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Date of Issue : **2005-02-24**

Applicant : **A.T.X.**
E.N.I. rue André Durouchez
80084 AMIENS CEDEX 2
France

Electrical Apparatus : **Ballast BLS.1**

Optional accessory :

Type of Protection : **Increased safety e and flameproof d**

Marking: **A.T.X**
BLS.1
Ex de IIC
IECEx LCI 04.0034U

Approved for issue on behalf of the IECEx
Certification Body :

Marc GILLAUX

Position :

Ex certification manager

Signature :
(for printed version)

Date :

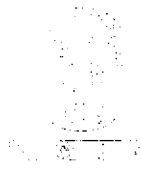
1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by :

**Laboratoire Central des Industries
Electriques (LCIE)**

33 Avenue du Général Leclerc
FR-92260 Fontenay-aux-Roses
France





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Manufacturer: **A.T.X.**
E.N.I. rue André Durouchez
80084 AMIENS CEDEX 2
France

Manufacturing location(s):

A.T.X.
Z.I. rue André DUROUCHEZ
80084 AMIENS Cedex 02
France

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 : 2000 Edition: 3.1	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2001 Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'
IEC 60079-7 : 2001 Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety "e"

*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:

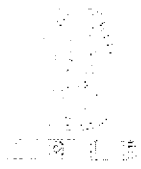
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

IECEX ATR :

File Reference :

IECEX Test Report

LCIE 60022698 516399 – issue 0



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Schedule

EQUIPMENT :

Equipment and systems covered by this certificate are as follows :

Ballast BLS.1

DESCRIPTION

The device comprises a moulded body, which can contain according to the operational needs :

- One electronic card
- One or two commercially available standard electronic ballasts
- One or two transformers

This component is designed to supply one, two or three fluorescent lamps of diameter 26 and 28, and with the following sockets :

- Fa6 (20 W, 40 W or 65 W lamps)
- G13 (18 W, 36 W or 58 W lamps)

This component can be installed in lighting fixture type FLe manufactured by A.T.X. and certified under reference IECEx LCI 04.0017.

ROUTINE TESTS

The increased safety connector shall be submitted a dielectric strength test according to paragraph 7.2 of IEC 60079-7 standard with the associated lighting fixture.

The flameproof enclosure of the ballast is exempted of routine test.

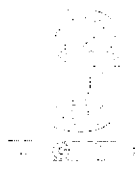
SPECIAL CONDITIONS FOR SAFE USE:

Service temperature : - 20°C to + 105°C

This component is intended to be incorporated inside an enclosure with a suitable type of protection. Complementary tests can be considered as necessary in relation with use.

Creepage distances and clearances of electrical connections shall respect the Table 1 of IEC 60079-7 standard according to the different voltages.

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1 : ATR n° LCIE 60031271 529472/ 03

Modification of address of the applicant which becomes:

A.T.X
E.N.I. rue André Durouchez
80084 AMIENS CEDEX 2, France

Annexe: