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# 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 LCI 04.0014**

Issue No.: **2**

Status : **Current**

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Date of Issue : **2006-10-11**

Applicant : **A.T.X.**  
E.N.I. rue André DUROUCHEZ  
80084 AMIENS Cedex 02  
France

Electrical Apparatus : **Plugs and sockets 16A and 32A - PCX**

Optional accessory :

Type of Protection : **Increased safety 'e', Flameproof 'd' and for combustible dust – protection by enclosure 'tD'**

Marking: **ATX**  
**Noisy Le Sec - France**  
**PCX**  
**Ex ed IIC T6 or T5**  
**IP66**  
**Ex tD A21 IP66 T68°C**  
**IECEX LCI 04.0014**  
**AFTER DE-ENERGIZING, DELAY 30 MINUTES BEFORE**  
**OPENING (only for dust)**

Approved for issue on behalf of the IECEx  
Certification Body :

Marc GILLAUX

Position :

Manager of the Certification body

Signature :  
(for printed version)

Date :

2006-10-11

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 02  
**France**

Manufacturing location(s):  
**A.T.X.**  
ZI 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 manufacture'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**      Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
Edition: 3.1
- IEC 60079-1 : 2001**      Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'  
Edition: 4
- IEC 60079-7 : 2001**      Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'  
Edition: 3
- IEC 61241-0 : 2004**      Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements  
Edition: 1
- IEC 61241-1 : 2004**      Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosure "tD"  
Edition: 1

*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 :
<b>IECEX Test Report</b>	<b>LCIE 60022699-516387 – issue 0</b>
<b>IECEX Test Report</b>	<b>FR/LCI/ExTR06.0016/00 – issue 2</b>



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## Schedule

### EQUIPMENT :

*Equipment and systems covered by this certificate are as follows :*

Current outlets composed of a plug and a socket and available in two families: 16A and 32A

### DESCRIPTION

The plug and sockets are made of insulated material, with 2, 3, 4 or 5 contacts.  
Electrical connection is carried out inside an increased safety compartment.  
Connection between plug and socket is ensured by flameproof type of protection.

Each plug can be connected on two models of socket : a wall mounting socket or a mobile socket.

External connection shall be made by the means of Ex e certified cable glands, which maintain IP66 degree of protection, or at least IP54.

The openings not fitted with cable glands shall be fitted with Ex e certified blanking elements, which maintain IP66 degree of protection, or at least IP54.

The user shall ensure that the plug is in good and clean condition before connection, and shall close properly the socket after use to prevent the entry of dust and damp in the connection chambers.

### MARKING

ATX

Noisy Le Sec - France

PCX

Serial number

Ex ed IIC T6 for Tamb. -40°C up to +40°C  
T5 for Tamb. -40°C up to +55° C

IP66

Ex tD A21 IP66 T68°C

IECEx LCI 04.0014

DO NOT OPEN WHEN ENERGIZED

AFTER DE-ENERGIZING, DELAY 30 MINUTES BEFORE OPENING (only for dust)

Rated voltage

Rated current

Frequency

Number and position of contacts

**CONDITIONS OF CERTIFICATION: NO**



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## EQUIPMENT(continued):

### OTHER INFORMATION

#### For 16A family:

The wall mounting socket, the mobile socket and the plug are available in the following versions:

Voltage	Number and type of contacts
20 up to 25V	2P, 2P + G, 3P
20 up to 50V	2P
40 up to 50V	2P, 3P
100 up to 130V	2P + G
200 up to 250V	2P + G, 3P + G, 3P + N + G
380 up to 415V	3P + G, 3P + N + G
480 up to 500V	3P + G
50 up to 500V	3P + N + G

#### For 32A family:

The wall mounting socket, the mobile socket and the plug are available in the following versions:

Voltage	Number and type of contacts
200 up to 250V	2P + G, 3P + G, 3P + N + G
380 up to 415V	3P + G, 3P + N + G
480 up to 500V	3P + G

### ROUTINE TESTS

Each single apparatus must be submitted to dielectric strength test in accordance to paragraph 7.2 of IEC 60079-7.



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## DETAILS OF CERTIFICATE CHANGES (for issue 1 and above) :

Issue 1 : ATR n°LCIE 60031241 529472 / 09  
Modification of address of the applicant which becomes:  
A.T.X.  
E.N.I. rue André DUROUCHEZ  
80084 AMIENS CEDEX 2, FRANCE

Issue 2 : ExTR n° FR/LCI/ExTR06.0016/00  
Possibility to use the apparatus in the presence of combustible dust