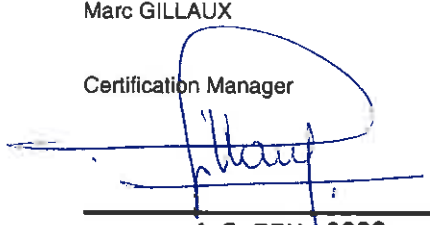




# IECEx Certificate of Conformity

## 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 09.0002U	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2009-02-13	Page 1 of 4	
Applicant:	A.T.X. E.I.N. rue André DUROUCHEZ 80084 AMIENS Cedex 2 France		
Electrical Apparatus: Optional accessory:	Contact and Pilot light type CVe		
Type of Protection:	de		
Marking:	A.T.X.-APPLETON Address: Type CVe Ex de IIC IECEx LCI 09.0002 U		
Approved for issue on behalf of the IECEx Certification Body:	Marc GILLAUX		
Position:	Certification Manager		
Signature: (for printed version)			
Date:	13 FEB. 2009		

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. rue André DUROUCHEZ  
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:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2003</b> Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by 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*

Test Report:

FR/LCI/ExTR09.0002/00

Quality Assessment Report:

FR/LCI/QAR07.0008/00



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## Schedule

### EQUIPMENT:

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

These contacts and pilot lights will be incorporated inside increase safety enclosures.

Contacts and pilot lights are designed to be mounted on back plate, "omega" rail, or on cover of Ex e enclosure.

When fitted on cover they are locked with a  $\frac{1}{4}$  rotating ring on the actuator head.

### Electrical parameters:

#### Contact :

Category	Voltage (V)	Current (A)	Frequency (Hz)
AC12	400	16	50/60
AC14	400	10	50/60
AC15	500	6	50/60
DC13	24	2	/
DC13	110	1	/

Ith = 16A

#### Light :

Un = 12 to 264 V (AC) and 12 to 60 V (DC)

Frequency = 50/60Hz

**CONDITIONS OF CERTIFICATION: NO**



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## EQUIPMENT(continued):

### Schedule of limitations:

- Maxi cables section (flexible or rigid) = 2,5mm<sup>2</sup>
- These components have been submitted with success to non-transmission tests, hydraulic overpressure tests (at 10 bars), and pulling tests. These tests were carried out after thermal endurance tests.
- Operating temperature: -40°C to +75°C

### Routine verifications and tests:

Each apparatus shall be submitted to a dielectric strength test at 1000V during 1 minute.