



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 09.0002U issue No.: 1

Status: **Current**

Date of Issue: **2016-01-27** Page 1 of 5

Certificate history:
Issue No. 1 (2016-1-27)
Issue No. 0 (2009-2-13)

Applicant: **Appleton Group - ATX**
E.I.N. 35 Rue André Durouchez
CS 98017
80084 Amiens Cedex 2
France

Electrical Apparatus: **Contact and Lights type "CVe"**
Optional accessory:

Type of Protection: **Ex d, Ex e**

Marking: Appleton - ATX
Address : ...
Type : CVe
Serial number : ...
Manufacturing year : ...
Ex db eb IIC
 $-40^{\circ}\text{C} \leq T_s \leq +75^{\circ}\text{C}$
IECEx LCI 09.0002U

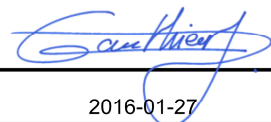
Approved for issue on behalf of the IECEx
Certification Body:

Julien Gauthier

Position:

Certification Officer

Signature:
(for printed version)


2016-01-27

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

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".



LCIE



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Manufacturer: **Appleton Group - ATX**
E.I.N. 35 Rue André Durouchez
CS 98017
80084 Amiens Cedex 2
France

Additional 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 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](#)

[FR/LCIE/ExTR15.0173/00](#)

Quality Assessment Report:

[FR/LCI/QAR07.0008/08](#)



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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 ¼ rotating ring on the actuator head.

This component (marked with the symbol "U") is a part of electrical equipment which is not intended to be used alone and requires additional consideration when incorporated into electrical equipment or systems.

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) = 2,5mm²

- 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.



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

Initial issue:

Assessment according standard:

- IEC 60079-0:2004 Edition: 4.0
- IEC 60079-1:2003 Edition: 5
- IEC 60079-7:2006-07 Edition 4

Issue 01:

Update according to standards listed:

- IEC 60079-0:2011 Edition:6.0
- IEC 60079-1:2007 Edition:6