



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 LCIE 15.0044X** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2015-10-19** Page 1 of 3

Applicant: **Appleton Group - ATX**
E.I.N 35 rue André DUROUCHEZ
CS 98017
80084 AMIENS Cedex 2
France

Electrical Apparatus: **Plugs and sockets**
Optional accessory:


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

Marking: **Appleton - ATX and/or Emerson**
Address :...
Type : UPR
Ex d e IIB T* Gb or Ex db eb IIB T*
Ex tb IIIC T* Db or Ex tb IIIC T*
IECEx LCI 15.0044X
-20°C ≤ Ta ≤ +55°C
T* : See temperatures table
For complete marking see annex

Approved for issue on behalf of the IECEx Certification Body: **Julien Gauthier**

Position: **Certification Officer**

Signature:
(for printed version)



2015-10-19

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 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".





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Manufacturer: **Appleton 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 60079-31 : 2008 Edition: 1 | Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't' |
| 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/LCIE/ExTR15.0094/00

Quality Assessment Report:

FR/LCI/QAR07.0008/07



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Plug and receptacle UPR assembly is equipped with certified switch IECEx LCIE 12.0021U for 16A and IECEx INE 14.0021U for 32A, which allows a total disconnection of power when the plug is removed.

UPR series is proposed in two ranges 16A and 32A with low voltages and pins configuration according to table 104/IEC 60309-2 for pins and sleeves configuration.

This apparatus are designed to operate in all positions and in continuous service.

Routine tests:

According to clause 7.1 of standard IEC 60079-7, each apparatus shall be submitted to a dielectric strength test under 2400V (carried out in accordance with clause 6.1)

See details in attached Annex

CONDITIONS OF CERTIFICATION: YES as shown below:

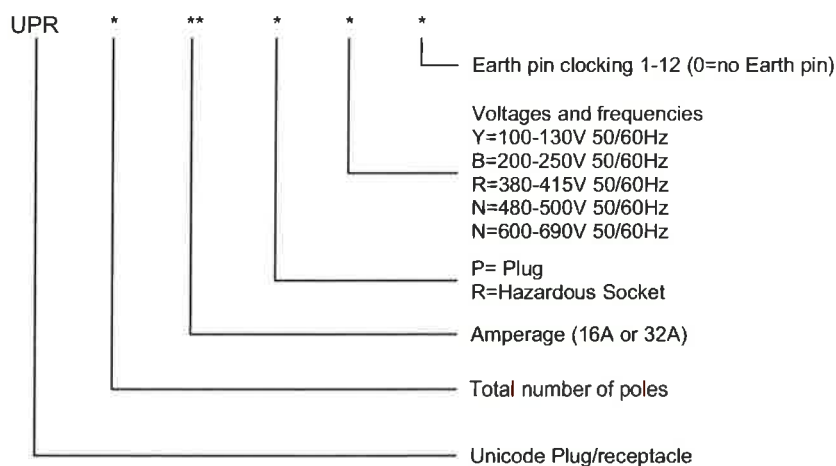
WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS.

The apparatus shall be submitted to low mechanical impact only.

Schedule of limitation of certified components fall under the IECEx certificates of corresponding products.

General product information

The number logic for the UPR low voltage series is the following:



The switches are already certified as 'component' according to the following:

| Components | Type | Manufacturer | IECEX certificate | IEC standards |
|------------|------|--------------|---------------------|---|
| Switch | SW16 | ATX | IECEX LCIE 12.0021U | IEC 60079-0 Ed.5 IEC 60079-1 Ed.6 IEC 60079-7 Ed.4 No applicable technical differences |
| Switch | 32US | ATX | IECEX INE 14.0021U | IEC 60079-0 Ed.6 IEC 60079-1 Ed.6 IEC 60079-7 Ed.4 |

Complete marking

Appleton ATX and/or Emerson

Address : ...

Type : UPR

Serial number : ...

Year of construction : ...

Ex d e IIB T* Gb or Ex db eb IIB T*

Ex tb IIIC T* Db or Ex tb IIIC T*

IECEX LCIE 15.0044X

In : ... / Un : ...

-20°C ≤ Ta ≤ +55°C

T* : See temperatures table

WARNING – DO NOT OPEN WHEN ENERGIZED

WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

Temperature classes:

| Tamb : +40°C | | Tamb : +55°C | |
|--------------|------|--------------|------|
| Gas | Dust | Gas | Dust |
| T6 | 79°C | T5 | 94°C |