



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 15.0030X Issue No: 0 Certificate history:
Status: **Current** Page 1 of 3 Issue No. 0 (2016-07-29)

Date of Issue: **2016-07-29**

Applicant: **MARECHAL ELECTRIC S.A.**
5 avenue de Presles
94417 SAINT-MAURICE Cedex
France

Equipment: **Industrial plug and socket-outlet type DXA1**
Optional accessory:

Type of Protection: **Ex de , Ex tb**

Marking: **Ex de IIC T* Gb or Ex db eb IIC T***
Ex tb IIIC T* Db
***-55°C ≤ Ta ≤ +40°C T6 T68°C**
***-55°C ≤ Ta ≤ +60°C T5 T88°C**

Approved for issue on behalf of the IECEx
Certification Body:

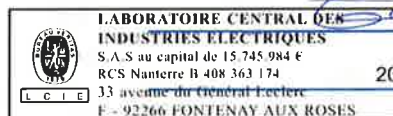
Julien Gauthier

Position:

Certification Officer

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](http://www.iecex.com).

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France





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Manufacturer: **MARECHAL ELECTRIC S.A.**
ZI de la Maine
76150 MAROMME
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/ExTR15.0050/00](#)

Quality Assessment Report:

[FR/LCI/QAR09.0002/07](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Industrial socket with, 2, 3, 4 or 5 contacts version constituted in two main parts which are appliance inlet and socket-outlet.

The electrical connection is carried out inside "e" compartment of each part, with a maximum voltage 550V (AC and DC) and maximum intensity 20A.

"d" compartment represents connection of two parts.

CONDITIONS OF CERTIFICATION: YES as shown below:

When the plug is disconnected from the socket, its cover must be closed.

Annex:

[Annex 01 to IECEx LCIE 15.0030X issue 00.pdf](#)



Annex 01 to Certificate IECEx LCIE 15.0030X issue 00



MARKING

MARECHAL ELECTRIC

Address: ...

Type : DXA1

Serial number: ...

Year of manufacturing:...

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

Ex tb IIIC T* Db

IP66/67

IECEx LCIE 15.0030 X

* : Refer to the table below for the ambient temperature range, temperature class and surface temperature:

Ambient temperature range	Temperature class (Gas)	Surface temperature (Dust)
-55 °C ≤ Ta ≤ +40 °C	T6	T68 °C
-55 °C ≤ Ta ≤ +60 °C	T5	T88 °C

WARNING – DO NOT OPEN WHEN ENERGIZED (on accessories)

RANGE DETAILS

Designation		+	designation	+	designation	+	Designation	
Female Accessories			Appliance inlet with hole for padlock and color ring		Socket-outlet with the lid and color ring		Male Accessories	
Handle	Plug cap or accessories gasket				Plug cap or accessories gasket		Handle	
Inclined sleeve							Inclined sleeve	
Straight sleeve							Straight sleeve	
Wall box							Wall box	
Box							Box	
Plug cap							Plug cap	
Finger drawplate with a flat gasket							Finger drawplate with a flat gasket	

ROUTINE TESTS

According to clause 7.1 of standard IEC 60079-7 each above apparatus shall be submitted before delivery to a dielectric strength test carried out in accordance with clause 6.1.