IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx INE 19.0012X**	Page 1 of 4	Certificate history:
Status:	**Current**	Issue No: 1	Issue 0 (2019-06-12)
Date of Issue:	2024-07-29		
Applicant:	**SCAME PARRE S.p.A.** Via Costa Erta, 15 24020 Parre (BG) **Italy**		
Equipment:	**Light switch ROCKER-EX[GD]**		
Optional accessory:			
Type of Protection:	**db eb tb**		
Marking:	Ex db eb IIC T6...T4 Gb Ex tb IIIC T80°C Db IP66		

COPY - COPIA LAVORO

Approved for issue on behalf of the IECEx Certification Body: **Bruno DEBRAY**

Position: **Deputy Director of SCI**

Signature: (for printed version)

Date: (for printed version)

Signé électroniquement
Digitally signed by
Bruno DEBRAY
Deputy Director SCI
Directeur adjoint SCI

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 www.iecex.com or use of this QR Code.

Certificate issued by:

INERIS
Institut National de l'Environnement Industriel et des Risques
BP n2 / Parc Technologique ALATA
F-60550 Verneuil-en-Halatte
France

INERIS
controlling risks for sustainable development

IECEx Certificate of Conformity

Certificate No.: **IECEx INE 19.0012X** Page 2 of 4

Date of issue: 2024-07-29 Issue No: 1

Manufacturer: **SCAME PARRE S.p.A.**
Via Costa Erta, 15
24020 Parre (BG)
Italy

Manufacturing locations: **SCAME PARRE S.p.A.**
Via Costa Erta, 15
24020 Parre (BG)
Italy

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 equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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 Reports:

FR/INE/ExTR19.0014/00 FR/INE/ExTR19.0014/01

Quality Assessment Report:

IT/IMQ/QAR15.0001/09

COPY - COPIA LAVORO

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The ROCKER-Ex[GD] is formed by "Ex eb" and "Ex tb" enclosure with inside "Ex db eb" switch .

The switch can be configured as push-button, change-over switch and ON-OFF switch.

The enclosure could be supplied with maximum number 4 cable entries M20 and/or M25.

The enclosure is made in plastic with a silicon gasket in order to assure the degree of protection IP66.

The switch, made in plastic, is composed of two separate chambers with a free internal volume of 1.51 cm^3 sealed with resin.

SPECIFIC CONDITIONS OF USE: YES as shown below:
The flameproof joints have different values from those specified in the tables of the IEC 60079-1 standard. They are not intended to be repair.

COPY - COPIA LAVORO

IECEx Certificate of Conformity

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
For issue 01:

- Application of IEC 60079-31 (Ed.3.0) (2022)
- Update of manufacturer's documents

Annex:

IECEx INE 19.0012X-01_Annex.pdf

COPY - COPIA LAVORO

IECEx Certificate of Conformity

Certificate No.: IECEx INE 19.0012X

Issue No.: 1

Annex: IECEx INE 19.0012X-01_Annex.pdf

PARAMETERS RELATING TO THE SAFETY

Rated voltage: 250 VAC

Nominal frequency: 50/60 Hz

Maximum current: 16 A

MARKING

Marking has to be readable and indelible; it has to include the following indications:

- SCAME PARRE S.p.A.
- 24020 PARRE (BG) – ITALY
- ROCKER-EX [GD]
- IECEx INE 19.0012X
- (Serial number)
- Ex db eb IIC T6...T4 Gb
- Ex tb IIIC T80°C Db
- IP66
- Tamb. : (*)
- Tcable : (*)

(*) See table below.

Ambient Temperature	Temperature Class	T.Cable
-35°C ÷ +40°C	T6 / T80°C	-
-50°C ÷ +40°C	T6 / T80°C	-
-35°C ÷ +60°C	T4 / T80°C	Tcable = 85°C
-50°C ÷ +60°C	T4 / T80°C	Tcable = 85°C

ROUTINE EXAMINATIONS AND TESTS

- In accordance with clause 7.1 of the IEC 60079-7 standard, a dielectric strength test on each of the different circuits of the connection units, performed according to the relevant standards, the supply voltage shall be applied for one minute.
- In accordance with clause 16.2 of the IEC 60079-1 standard, the equipment defined above is exempted of routine test due to the fact that its internal volume is less than 10 cm^3.

COPY - COPIA LAVORO