



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 SGS 24.0015X	Page 1 of 3	<u>Certificate history:</u>
Status:	Current	Issue No: 0	
Date of Issue:	2024-07-23		
Applicant:	Delta Mobrey Limited Hudson House Albany Park Camberlay Surrey GU16 7PL United Kingdom		
Equipment:	Series 200 Flameproof Switch		
Optional accessory:	Pressure / Temperature sensors		
Type of Protection:	Flameproof, Protection by enclosure		
Marking:	Ex db IIC T4 (Tamb - 60°C to + 80°C) Gb Ex tb IIIC T135°C (Tamb - 60°C to + 80°C) Db IP66 Ex db IIC T6 (Tamb - 60°C to + 40°C) Gb Ex tb IIIC T85°C (Tamb - 60°C to + 40°C) Db IP66		

Approved for issue on behalf of the IECEx
Certification Body:

M Powney

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

23/7/2024

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:

SGS United Kingdom Ltd
Rockhead Business Park
Staden Lane
Buxton, Derbyshire SK17 9RZ
United Kingdom





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Manufacturer: **Delta Mobrey Limited**
Hudson House
Albany Park
Camberlay
Surrey GU16 7PL
United Kingdom

Manufacturing
locations: **Delta Mobrey Limited**
Hudson House
Albany Park
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Surrey GU16 7PL
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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 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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 Report:

[GB/SGS/ExTR24.0042/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0033/12](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

A Series 200 Flameproof Switch comprising an enclosure, with threaded cover, manufactured in cast aluminium or cast iron. The cover is secured with an integral locking arrangement.

The interior of the enclosure is fitted with up to two micro switches rated up to 10A, 440 Vac or 1A 48 Vdc, with associated switch assembly and a terminal block. The switch assembly is mechanically linked to an externally mounted pressure or temperature sensing actuator by means of a stainless steel operating rod which passes through a stainless steel bushing screwed into the base of the housing and secured by a lock nut.

The optional addition of fault monitoring resistors in accordance with the certified scheduled drawings is permitted, with the apparatus rated up to a maximum of 30V d.c. In this form the enclosure is fitted with a label stating "Do not open when an explosive atmosphere is present."

Cable entry holes are provided as specified on the certified drawings for the accommodation of suitable certified flameproof cable entry devices, with or without the interposition of a suitable certified flameproof adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

Suitable flameproof cable entry devices, thread adaptors and stopping plugs certified as Equipment (not a component) under an EC type Examination Certificate to Directive 94/9/EC may also be used in the manner specified above.

This certificate covers the following alternative arrangements:

TYPE	SERIES
Pressure Switch	200 to 209, 230 to 239, 280 to 289
Differential Pressure Switch	300 to 309, 380 to 389
Temperature Switch	720 to 749, 760 to 769, 780 to 799
Flow Switch	131

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The flamepaths are not to be repaired
2. Potential Electrostatic Charging Hazard. Clean only with a damp cloth.