



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 CML 17.0128U

Issue No: 0

Certificate history:

Issue No. 0 (2017-08-22)

Status: **Current**

Page 1 of 3

Date of Issue: **2017-08-22**

Applicant: **Shimada Electric Co Ltd**
2-29-6, Nakaikagami Ota-Ku, Tokyo 146-0081
Japan

Equipment: **Explosion-proof switch module Type S0201...**
Optional accessory:

Type of Protection: **Flameproof enclosures "d", increased safety "e"**

Marking:
Ex db eb IIC Gb

Approved for issue on behalf of the IECEX
Certification Body:

A Snowdon

Position:

Certification Officer

Signature:
(for printed version)

A Snowdon
22nd August 2017

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:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Elesmere Port, CH65 4LZ
United Kingdom





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Certificate No: IECEx CML 17.0128U Issue No: 0
Date of Issue: 2017-08-22 Page 2 of 3
Manufacturer: Shimada Electric Co Ltd
2-29-6, Nakaikegami Ota-Ku, Tokyo 146-0081
Japan

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 : 2014-06 Edition:7.0 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" |
| IEC 60079-7 : 2015 Edition:5.0 | 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:

GB/CML/ExTR17.0155/00

Quality Assessment Report:

CN/CQM/QAR12.0002/03



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Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The S0201 Explosion-proof Switch Module has a combination of type of protection "db" and "eb". The contact compartment is of type of protection "db". The terminals are of type protection "eb".

Refer to certificate Annex for full description and Schedule of Limitations.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[Certificate Annex IECEx CML 17.0128U Iss. 0.pdf](#)

Annexe to: IECEx CML 17.0128U Issue 0
Applicant: Shimada Electric Co Ltd
Apparatus: Explosion-proof switch module type S0212



Description

The S0201 Explosion-proof Switch Module has a combination of type of protection "db" and "eb". The contact compartment is of type of protection "db". The terminals are of type protection "eb". The S0201 Explosion-proof Switch Module is divided into type board front and type board back. The enclosure of S0201 Explosion-proof Switch Module is plastic.

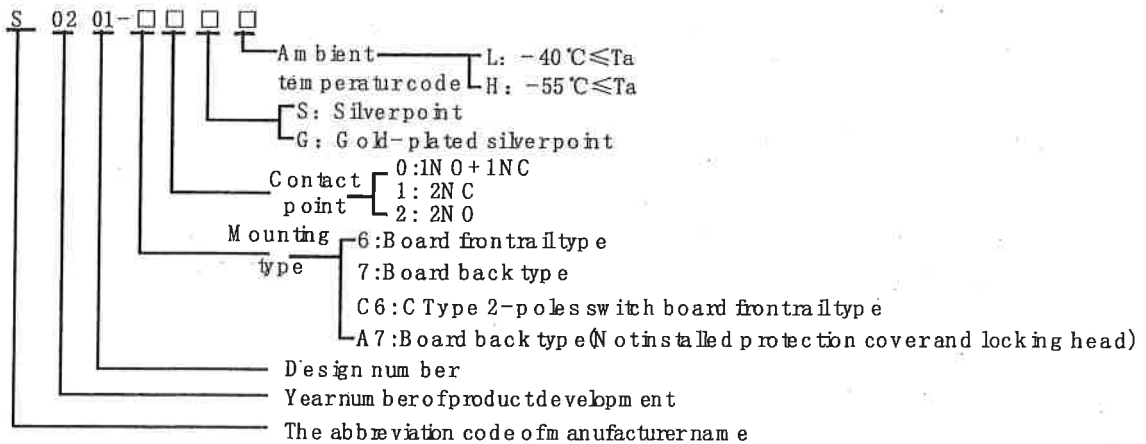
For type board front, two push poles go out through the cover and for type board back, these two push poles go out through the shell.

Rating

AC 400V/16A, DC110V/1A

Nomenclature

2-Poles switch



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 Ellesmere Port
 CH65 4LZ

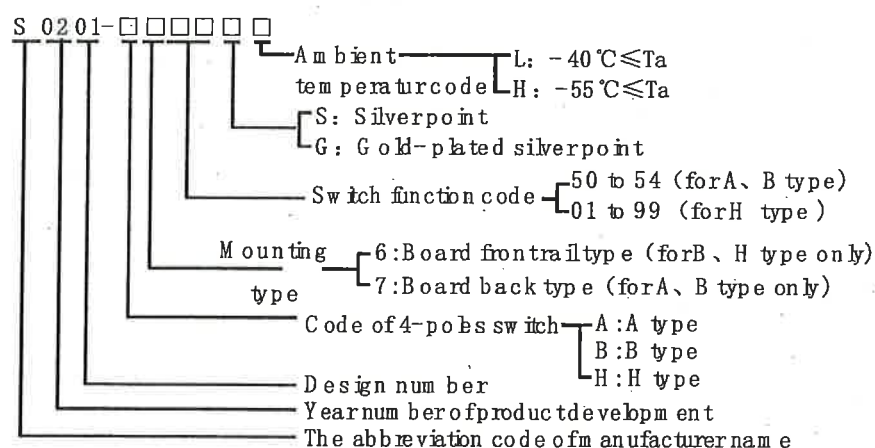
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Company Reg No. 8554022 VAT No GB163023642



4-Poles switch



Schedule of limitations

1. The flameproof joints are not intended to be repaired.
2. The S0201 explosion-proof switch module shall be installed into a suitably certified enclosure with a level of protection of at least IP54. When the signal switch modules are installed in an enclosure of the type of protection increased safety in compliance with standard IEC 60079-7, the clearance and creepage distances according to clauses 4.3 and 4.4 and Table 2 shall be adhered to.
3. Rated ambient temperature range:
S0201-□□□□□□ L: from -40°C to $+60^{\circ}\text{C}$; S0201-□□□□□□ H: from -55°C to $+60^{\circ}\text{C}$
4. Rated service temperature range:
S0201-□□□□□□ L: from -40°C to $+90^{\circ}\text{C}$; S0201-□□□□□□ H: from -55°C to $+90^{\circ}\text{C}$