



Product Service

# CERTIFICATE

No. B 013332 0256 Rev. 01

**Holder of Certificate:** IDEC CORPORATION

2-6-64 Nishimiyahara, Yodogawa-Ku  
Osaka  
532-0004 JAPAN

**Certification Mark:**



**Product:**

**Switches  
Safety Door Switch**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 73584110

**Valid until:** 2027-04-20

**Date,** 2022-04-22

( Shigehisa Ishikawa )



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Model(s): **HS5D Series**

## Nomenclature:

<u>HS5D</u>	-	<u>11</u>	<u>R</u>	<u>Z</u>	<u>RB</u>	<u>M</u>	-	<u>x</u>
1		2	3	4	5	6		7

- Basic Designation  
HS5D – HS5D Series
- Contact Configuration  
11 – 1NO + 1NC contacts  
02 – 2 NC contacts  
12 – 1NO + 2NC contacts  
03 – 3NC contacts
- Operating director of actuator (may be followed)  
Blank – Actuator inserted from the top and front  
R – Actuator inserted from the top and right  
L – Actuator inserted from the top and left  
B – Actuator inserted from the top and back
- Actuator cover type (may be followed)  
Blank – Polymeric cover  
Z – Zinc die-cast cover
- Actuator cover color and Body color (may be followed)  
xx – Any two alphanumeric characters to specify the color
- Conduit screw (may be followed)  
Blank – Threaded as per G 1/2 under JIS B0202  
P – Threaded as per Pg 13.5 under DIN 40430  
M – Threaded as per M20 under IEC 60423  
C – Connector complied with IEC/EN 61076-2-101  
C1 – 5 Pin Connector complied with IEC/EN 61076-2-101 (Contact Configuration is “11” or “02“.)
- (Optional) Manufacturer Control Number  
x - Additional letter(s) and/or number(s) (may be including hyphens)

### Accessory Cover

<u>HS9Z- TG5*</u>	-	<u>*</u>
1		2

Physical Obstruction in accordance with Section 7.2 of EN ISO 14119

- Direction of Actuator Entry slot  
T – for Top  
F – for Front
- (Optional) Manufacturer Control Number  
\* - Additional letter(s) and/or number(s) (may be including hyphens)



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## Parameters:

Rated:

Rated Insulation Voltage: 300V (Ui)  
 Rated Voltage and Current with Utilization Category:  
 AC-15: 250V, 3A  
 DC-13: 30V, 4A

Protection class: II  
 Degree of protection: IP 67  
 Electrical durability: 100,000 operations  
 Mechanical durability: 1,000,000 operations

Type	HS5D-11(3)(4)(5)C1 HS5D-02(3)(4)(5)C1	HS5D-11(3)(4)(5)C HS5D-02(3)(4)(5)C	HS5D-12(3)(4)(5)C HS5D-03(3)(4)(5)C
Rated Insulation Voltage	60V (Ui)	250V (Ui)	30V (Ui)
Rated Voltage and Current with Utilization Category	AC-15:30V, 4A DC-13:30V, 4A	AC-15:250V,3A DC-13:30V, 4A	AC-15:30V, 2A DC-13:30V, 2A

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

**Tested according to:** EN 60947-5-1:2017  
GS-ET-15E:2019