



No.235DOC-0125

Doc No.	D2B064 D5B104
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## EU Declaration of Conformity

<b>Identification of the Product</b>	φ 16 Miniature Control Units
<b>Name and address of Manufacturer</b> IDEC CORPORATION 2-6-64 Nishimiyahara, Yodogawa-Ku, Osaka 532-0004 Japan	<b>Name and address of the authorized representative :</b> APEM SAS 55, Avenue Edouard Herriot BP1, 82303 Caussade Cedex, France

**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

**Object of the declaration :** Series Name – A6 Series

Model No. – Details are as per attached sheet

**The object of the declaration described above is in conformity with the relevant EU harmonization legislation :**

2014/35/EU

Low Voltage Directive

2011/65/EU and (EU)2015/863

Restriction of the use of certain hazardous substances  
(RoHS) Directive

**Applied Union harmonized legislation and references to the relevant harmonization standards used or references the other technical specifications in relation to which conformity is declared.**

EN 60947-5-1/A1:2009

EN 60529:1991/A2:2013 (for Grip Switch Housing)

EN IEC 63000: 2018

**Where applicable, the notified body**

**Additional Information :**

**Signed for and on behalf of the above named manufacturer :**

Place and date of issue :

Japan, 20 April, 2016

Name, function :

Japan, 18 November, 2021 (Revised)

Masaki Tsuru, Executive Officer

Quality Assurance Center

Signature :

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**A\*6 Series Type Designation**

(1) Pushbutton switches

A B 6 M - M 2 V P M R      \*\*\*\*\*  
 1 2 3 4 5 6 7 8 9 10 11 12

- 1 Series       A
- 2 Function  
               B - Non-illuminated pushbutton switch
- 3 Mounting hole  
               6 -16mm diam.
- 4 Bezel configuration  
               M -Round  
               Q -Square  
               H -Rectangular  
               G -Rectangular with guard
- 5 Operation  
               M -Momentary  
               A -Alternate
- 6 Contact configuration  
               1 -1C  
               2 -2C
- 7 Terminal configuration  
               None -Solder terminal  
               V -PWB terminal
- 8 Degree of protection  
               None - IP40  
               P - IP65
- 9 Operator shape  
               None -Flush  
               M -Mushroom  
               Q -Large square  
               H -Large rectangular

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10 Button/Lens color

- R -Red (Button color)
- G -Green (Button color)
- B -Black (Button color)
- Y -Yellow (Button color)
- W -White (Button color)
- S -Blue (Button color)
- LR -Red (Lens color)
- LG -Green (Lens color)
- LA -Amber (Lens color)
- LY -Yellow (Lens color)
- LW -White (Lens color)
- LS -Blue (Lens color)

-TK868-5\*-One built-in t0.1 color film between the clear lens and the marking plate

Note) \* : Lens color : LR, LG, LY, LA, LS, LW

11 Country of origin

- None - made in Japan
- C - made in China

12 Manufacturer Control No.

\*\*\*\*\* - any suffix

(2) Illuminated Pushbutton switches

A L 6 Q - M 1 1 V P R     \*\*\*\*\*  
 1 2 3 4 5 6 7 8 9 10 11 12

1 Series A

2 Function

- L -Illuminated pushbutton switch

3 Mounting hole

- 6 -16mm diam.

4 Bezel configuration

- M -Round
- Q -Square
- H -Rectangular
- G -Rectangular with guard

5 Operation

- M -Momentary
- A -Alternate

6 Contact configuration

- 1 -1C
- 2 -2C

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7 Applicable lamp rating

- 1 -LED lamp, 5V DC (operational voltage, 5V DC)
- 2 -LED lamp, 6V DC (operational voltage, 6V DC)
- 3 -LED lamp, 12V DC (operational voltage, 12V DC)
- 4 -LED lamp, 24V DC (operational voltage, 24V DC)

8 Terminal configuration

- None -Solder terminal
- V -PWB terminal

9 Degree of protection

- None -IP40
- P -IP65

10 Button color

- R -Red
- G -Green
- Y -Yellow
- A -Amber
- S -Blue
- W -White
- JW -Pure White

11 Country of origin

- None - made in Japan
- C - made in China

12 Manufacturer Control No.

\*\*\*\*\* - any suffix

(3) Selector switches

<u>A</u>	<u>S</u>	<u>6</u>	<u>M</u>	-	<u>2</u>	<u>1</u>	<u>Y</u>	<u>2</u>	<u>V</u>	<u>P</u>	<u>  </u>	<u>  </u>	<u>*****</u>
1	2	3	4		5	6	7	8	9	10	11	12	13

1 Series      A

2 Function

S - Selector switch

3 Mounting hole

6 -16mm diam.

4 Bezel configuration (may be followed)

- M -Round
- Q -Square
- H -Rectangular

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5 Operator positions (may be followed)

2 -2 positions

3 -3 positions

6 Return direction (may be followed)

None -Maintained

1 -Spring return from right

2 -Spring return from left

3 -Spring return 2way (3 positions type only)

7 Operator configuration

Y -Non-illuminated, knob operator

K -Non-illuminated, key operator with plastic rotor

KT -Non-illuminated, key operator with metal rotor

KS -Non-illuminated, key operator with wave-key

8 Contact configuration (may be followed)

1 -1C

2 -2C

9 Terminal configuration

None -Solder terminal

V -PWB terminal

10 Degree of protection

None - IP40

P - IP65

11 Key Retention Codes (only for key operator)

A -Key not retained in any position

B -Key retained in right position only

C -Key retained in left position only

D -Key retained in left and right

E -Key retained in center only

G -Key retained right and center

H -Key retained left and center

12 Country of origin

None - made in Japan

C - made in China

13 Manufacturer Control No.

\*\*\*\*\* - any suffix

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(4) Pilot lights

A L 6 Q - P 2 V P R      \*\*\*\*\*  
 1 2 3 4 5 6 7 8 9 10 11

- 1 Series       A
- 2 Function  
               L -Illuminated pushbutton switch
- 3 Mounting hole  
               6 -16mm diam.
- 4 Bezel configuration  
               M -Round  
               Q -Square  
               H -Rectangular  
               G -Rectangular with guard
- 5 Switch / Pilot light  
               P -Pilot light
- 6 Applicable lamp rating  
               1 -LED lamp, 5V DC (operational voltage, 5V DC)  
               2 -LED lamp, 6V DC (operational voltage, 6V DC)  
               3 -LED lamp, 12V DC (operational voltage, 12V DC)  
               4 -LED lamp, 24V DC (operational voltage, 24V DC)
- 7 Terminal configuration  
               None -Solder terminal  
               V -PWB terminal
- 8 Degree of protection  
               None -IP40  
               P -IP65
- 9 Button color  
               R -Red  
               G -Green  
               Y -Yellow  
               A -Amber  
               S -Blue  
               W -White  
               JW -Pure White  
               -TK868-6\* -One built-in t0.1 color film between the clear lens and the marking plate  
               Note) \* : Lens color : R, G, Y, A, S, JW
- 10 Country of origin  
               None - made in Japan  
               C - made in China
- 11 Manufacturer Control No.  
               \*\*\*\*\* - any suffix



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(5) Grip Switch Housing

Types HE9Z-GSH51, HE9Z-GSH52