



No.235DOC-0125-U

Doc No.	D2B064U D5B104U
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UK Declaration of Conformity

Identification of the Product : ϕ 16 Miniature Control Units

Name and address of Manufacturer
IDEC CORPORATION
2-6-64 Nishimiyahara, Yodogawa-Ku,
Osaka 532-0004 Japan

Name and address of the authorized representative :
APEM COMPONENTS LIMITED.
Drakes Drive, Long Crendon, Buckinghamshire,
HP18 9BA, UK

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 UK legislation :
Electrical Equipment (Safety) Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and
Electronic Equipment Regulations 2012

The products conform with the following standards.

EN 60947-5-1:2017
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, February 2, 2022
Name, function : Masaki Tsuru, Executive Officer,
Quality Assurance Center

Signature : 



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Pushbutton, Illuminated Pushbutton switches and Pilot Light

<u>A</u>	<u>B</u>	<u>6</u>	<u>M</u>	-	<u>M</u>	<u>2</u>	<u>4</u>	<u>P</u>	<u>R</u>	<u>C</u>	<u>*****</u>
1	2	3	4		5	6	7	8	9	10	11

1 Series A

2 Function

- B - Non-illuminated pushbutton switch
- L - Illuminated pushbutton switch
- P - Pilot light

3 Mounting hole

- 6 -16mm diam.

4 Bezel configuration

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

5 Operation

- None - Pilot light
- M - Momentary
- A - Alternate

6 Contact configuration

- None - Pilot light
- 1 - 1C
- 2 - 2C

7 Applicable lamp rating

- None - Non-illuminated pushbutton switch
- 1 - LED lamp, 5V DC (operational voltage, 5V DC)
- 3 - LED lamp, 12V DC (operational voltage, 12V DC)
- 4 - LED lamp, 24V DC (operational voltage, 24V DC)

8 Degree of protection

- None - IP40
- P - IP65



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9 Button/Lens color

- R - Red
- G - Green
- B - Black (for Non-illuminated switch)
- Y - Yellow
- W - White
- S - Blue
- A - Amber (for Illuminated switch and Pilot light)
- JW - Pure white (for Illuminated switch and Pilot light)

For lens color of Non-illuminated switch

- LR - Red
- LG - Green
- LA - Amber
- LY - Yellow
- LW - White
- LS - Blue

10 Specification type

- None - Standard
- C - Polycarbonate lens type

11 Manufacturer Control No.

- ***** - any suffix



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Selector switches

A S 6 M - 2 1 Y 2 P C *****
1 2 3 4 5 6 7 8 9 10 11 12

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

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 - Knob operator
KT - Key operator

8 Contact configuration (may be followed)
1 -1C
2 -2C

9 Degree of protection
None - IP40
P - IP65

10 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



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11 Specification type

- None - Standard
- C - Polycarbonate lens type

12 Manufacturer Control No.

- ***** - any suffix

Grip Switch Housing

Types HE9Z-GSH51, HE9Z-GSH52

Note - Only for

- AB6M pushbuttons (IP65)
- AS6M selector switches (IP65)
- AS6M key selector switches (IP65)