



No.235DOC-0144-U

Doc No.	D2B018U D5B117U
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## UK Declaration of Conformity

**Identification of the Product :**  $\phi$  22 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: LW 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 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, January 18, 2022  
Name, function : Masaki Tsuru, Executive Officer,  
Quality Assurance Center  
Signature :

*Masaki Tsuru*

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### Pushbutton Switches and Illuminated pushbutton Switches

<u>LW</u>	<u>2</u>	<u>L</u>	—	<u>M</u>	<u>1</u>	<u>C</u>	<u>2</u>	—	<u>V</u>	—	<u>R</u>	<u>*****</u>
1	2	3		4	5	6	7	8	9	10	11	12

1. Series LW

2. Bezel Shape (may be followed)

- 1 - Round
- 2 - Square
- 3 - Round with Square
- 6 - Round Flush with Bezel
- 6M - Round Flush with Metal Bezel
- 6G - Round Flush Guard Type with Black Plastic Bezel
- 7 - Square Flush with Bezel
- 7G - Square Flush Guard Type with Black Plastic Bezel

3. Operator Function (may be followed)

- B - Non-illuminated pushbutton
- L - Illuminated pushbutton

4. Function

- M - Momentary
- A - Alternate

5. Operator Shape

- 1 - Flush
- 2 - Extended
- 3 - Mushroom

6. Switch Unit

- C - LW-C series switch unit

8. Contact configuration:

- 0 - No contacts
- 1 - 1C (gold overlaid silver contacts)
- 2 - 2C (gold overlaid silver contacts)
- 3 - 3C (gold overlaid silver contacts)
- 5 - 1C (silver contacts)
- 6 - 2C (silver contacts)
- 7 - 3C (silver contacts)

8. Applicable Lamp:

- 0 - Illuminated type switch, without lamp
- 1 - LED lamp, lamp rating (=operational voltage) 5V
- 2 - LED lamp, lamp rating (=operational voltage) 6V
- 3 - LED lamp, lamp rating (=operational voltage) 12V
- 4 - LED lamp, lamp rating (=operational voltage) 24V
- None - Non-illuminated Pushbutton Switches



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9. Terminal Configuration

- None - Solder/Tab terminal
- V - PC Board terminal
- M - Screw terminal

10. Lens/Button type for pushbutton switch

- None - Button type
- L - Lens type

11. Lens/Button color

- B - Black (only for pushbutton switch)
- R - Red
- G - Green
- Y - Yellow
- A - Amber
- W - White
- S - Blue
- PW - Pure white (only for illuminated pushbutton switch)

12. Manufacturer control number (may be followed):

Additional letters and/or numbers

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### Selector Switch, Key-Selector Switch and Illuminated Selector Switch

LW 2 F — 21 L C 2 1 A M R -501 \*\*\*\*\*  
1 2 3 4 5 6 7 8 9 10 11 12 13

#### 1. Series LW

#### 2. Bezel Shape

- 1 - Round
- 3 - Round with Square
- 6 - Round Flush with Bezel
- 6M - Round Flush with Metal Bezel
- 7 - Square Flush with Bezel

#### 3. Operator Function

- S - Selector
- F - Illuminated selector
- K - Key selector

#### 4. Function

- 2 - 2-position maintained
- 21- 2-position spring return from right
- 3 - 3-position maintained
- 31- 3-position spring return from right
- 32- 3-position spring return from left
- 33- 3-position 2-way spring return

#### 5. Operator Shape for Selector Switch:

- L - Lever handle
- None - Knob

#### 6. Switch Unit

- C - LW-C series switch unit

#### 8. Contact configuration:

- 0 - No contacts
- 1 - 1C (gold overlaid silver contacts)
- 2 - 2C (gold overlaid silver contacts)
- 3 - 3C (gold overlaid silver contacts)
- 5 - 1C (silver contacts)
- 6 - 2C (silver contacts)
- 7 - 3C (silver contacts)

#### 9. Applicable Lamp for Illuminated Selector Switch:

- 0 - Illuminated type switch, without lamp
- 1 - LED lamp, lamp rating (=operational voltage) 5V
- 2 - LED lamp, lamp rating (=operational voltage) 6V
- 3 - LED lamp, lamp rating (=operational voltage) 12V
- 4 - LED lamp, lamp rating (=operational voltage) 24V
- None - Selector or key selector switch



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10. Terminal Configuration

- None - Solder/Tab terminal
- V - PC board terminal
- M - Screw terminal

11. Operation specification

<For Lens color of Illuminated Selector Switch : >

- R - Red
- G - Green
- Y - Yellow
- A - Amber
- S - Blue
- PW - Pure white

<For Key removable configuration of Key selector Switch >

- A - Key is removable in any maintained position
- B - Key is not removable in right position
- C - Key is not removable in left position
- D - Key is removable in center position (3-position type)
- E - Key is not removable in center position (3-position type)
- G - Key is removable in left position (3-position type)
- H - Key is removable in right position (3-position type)

<For Selector Switch >

- None - Selector Switch

12. Subordinate key number for Key selector Switch:

- 501 to 999 - Any 3 digits
- None - Not applicable to subordinate key number or Selector Switch and illuminated selector switch

13. Manufacturer control number (may be followed)

- Additional letters and/or numbers



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**Pilot Light**

LW 2 P - 1 C0 2 V R \*\*\*\*\*  
1 2 3 4 5 6 7 8 9

1. Series LW

2. Bezel Shape

- 1 - Round
- 2 - Square
- 3 - Round with Square
- 6 - Round Flush with Bezel
- 6M - Round Flush with Metal Bezel
- 7 - Square Flush with Bezel

3. Operator Function

- P - Pilot Light

4. Operator Shape

- 1 - Flush
- 2 - Extended

5. Contact configuration:

- C0 - Removable contact block type
- None - Unibody type

6. Applicable Lamp:

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

7. Terminal Configuration

- None - Solder terminal
- V - PC board terminal
- M - Screw terminal

8. Lens color

- R - Red
- G - Green
- Y - Yellow
- A - Amber
- S - Blue
- PW - Pure white

9. Manufacturer control number (may be followed) :

Additional letters and/or numbers