



No.235DOC-0137

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EU Declaration of Conformity

Identification of the Product	φ 16 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 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 – LB, LBW 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 60947-5-1:2017
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, 20 April, 2016 Japan, 18 November, 2021 (Revised)
Name, function :	Masaki Tsuru, Executive Officer Quality Assurance Center
Signature :	

20 April, 2016

1 April, 2018 (Revised)

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LB Pushbutton switches/Illuminated Pushbutton Switches

<u>LB</u>	<u>2</u>	<u>L</u>	-	<u>M</u>	<u>1</u>	<u>T</u>	<u>2</u>	<u>4</u>	<u>V</u>	<u>L</u>	<u>R</u>	-	<u>*****</u>
1	2	3		4	5	6	7	8	9	10	11		12

1. Series - LB

2. Bezel Shape

- 1: Round
- 2: Square
- 3: Rectangular
- 4: Rectangular with guard
- 6: Round flat bezel (black color)
- 7: Square flat bezel (black color)
- 8: Rectangular flat bezel (black color)
- 6M: Round flat bezel (metal color)
- 7M: Square flat bezel (metal color)
- 8M: Rectangular flat bezel (metal color)
- 6G: Round flat bezel with switch guard
- 7G: Square flat bezel with switch guard
- 8G: Rectangular flat bezel with switch guard
- W6: Large round flat bezel (black color)
- W7: Large square flat bezel (black color)
- W6M: Large round flat bezel (metal color)
- W7M: Large square flat bezel (metal color)
- W6G: Large round flat bezel with switch guard
- W7G: Large square flat bezel with switch guard

3. Operator Function

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

4. Function

- M: Momentary
- A: Alternate

5. Operator Shape

- 1: Flush
- 2: for Non-illuminated, Convex operator shape with large flat bezel
- 3: for Large operator shape without flat bezel
- 1R: Ring illuminated type
- 2R: Convex ring illuminated type

6. Switch Unit

- T: With LB-T Series Switch unit

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7. Contact Configuration

- 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 Type

- None: Non-illuminated type operator
- 1: LED lamp, lamp rating (operational voltage) 5V dc
- 2: LED lamp, lamp rating (operational voltage) 6V ac/dc
- 3: LED lamp, lamp rating (operational voltage) 12V ac/dc
- 4: LED lamp, lamp rating (operational voltage) 24V ac/dc
- 0: Without LED lamp

9. Terminal Configuration

- None: Soldering terminal
- V: PWB terminal

10. Button/Lens Type

- None: Button Type
- L: Lens Type (for Non-illuminated pushbutton)
- W: White Lens Type (for illuminated pushbutton)

11. Lens Color

- B: Black (for Non-illuminated pushbutton)
- R: Red
- G: Green
- Y: Yellow
- W: White
- S: Blue
- A: Amber
- PW: Pure White (for Illuminated pushbutton)

12. Manufacturer Control No. (may be followed)

- Any suffixes, nine digits max.

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Selector /Keylock selector switches

<u>LB</u>	<u>2</u>	<u>K</u>	-	<u>21</u>	<u>S</u>	<u>T</u>	<u>2</u>	<u>V</u>	<u>A</u>	-	<u>1H</u>	-	<u>*****</u>
1	2	3		4	5	6	7	8	9		10		11

1. Series - LB
2. Bezel Shape
 - 1: Round
 - 2: Square
 - 3: Rectangular
 - 6: Round flat bezel (black color)
 - 7: Square flat bezel (black color)
 - 8: Rectangular flat bezel (black color)
 - 6M: Round flat bezel (metal color)
 - 7M: Square flat bezel (metal color)
 - 8M: Rectangular flat bezel (metal color)
 - W6: Large round flat bezel (black color)
 - W7: Large square flat bezel (black color)
 - W6M Large round flat bezel (metal color)
 - W7M: Large square flat bezel (metal color)
3. Operator Function
 - S: Selector
 - K: Keylock 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. Key Type (for Keylock selector) or Operator Shape
 - None: Standard
 - S: For groove type key
 - L: For lever type
6. Switch Unit
 - T: With LB-T Series Switch unit



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7. Contact Configuration

- 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. Terminal Configuration

- None: Soldering terminal
- V: PWB terminal

9. Key Removable Code (for Keylock selector)

- A: Key removable in all positions
- 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 in right and center
- H: Key retained in left and center

10. Subordinate key number (for Keylock selector)

Any suffixes, nine digits max.

11. Manufacturer Control No. (may be followed)

Any suffixes, nine digits max.

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Illuminated selector switches

<u>LB</u>	<u>2</u>	<u>F</u>	-	<u>21</u>	<u>T</u>	<u>2</u>	<u>4</u>	<u>V</u>	<u>R</u>	-	*****
1	2	3		4	5	6	7	8	9		10

1. Series - LB

2. Bezel Shape

- 1: Round
- 2: Square
- 3: Rectangular
- 4: Rectangular with guard
- 6: Round flat bezel (black color)
- 7: Square flat bezel (black color)
- 8: Rectangular flat bezel (black color)
- 6M: Round flat bezel (metal color)
- 7M: Square flat bezel (metal color)
- 8M: Rectangular flat bezel (metal color)
- 6G: Round flat bezel with switch guard
- 7G: Square flat bezel with switch guard
- 8G: Rectangular flat bezel with switch guard

3. Operator Function

- F: Illuminated 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. Switch Unit

- T: With LB-T Series Switch unit

6. Contact Configuration

- 1: 1C (gold-overlaid silver contacts)
- 2: 2C (gold-overlaid silver contacts)
- 5: 1C (silver contacts)
- 6: 2C (silver contacts)

7. Applicable Lamp Type

- 1: LED lamp, lamp rating (operational voltage) 5V dc
- 2: LED lamp, lamp rating (operational voltage) 6V ac/dc
- 3: LED lamp, lamp rating (operational voltage) 12V ac/dc
- 4: LED lamp, lamp rating (operational voltage) 24V ac/dc
- 0: Without LED lamp



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8. Terminal Configuration

None: Soldering terminal

V: PWB terminal

9. Lens Color

R: Red

G: Green

Y: Yellow

W: White

S: Blue

A: Amber

PW: Pure White

10. Manufacturer Control No. (may be followed)

Any suffixes, nine digits max.

Toggle switches

LB 1 T - 21 T 2 V - *****
1 2 3 4 5 6 7 8

1. Series - LB

2. Bezel Shape

1: Round

6: Round flat bezel (black color)

7: Square flat bezel (black color)

8: Rectangular flat bezel (black color)

6M: Round flat bezel (metal color)

7M: Square flat bezel (metal color)

8M: Rectangular flat bezel (metal color)

3. Operator Function

T: Toggle

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4. Function

- 2: 2-position maintained
- 21: 2-position spring return from upside
- 22: 2-position spring return from downside
- 3: 3-position maintained
- 31: 3-position spring return from upside
- 32: 3-position spring return from downside
- 33: 3-position 2-way spring return

5. Switch Unit

T: With LB-T Series Switch unit

6. Contact Configuration

- 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)

7. Terminal Configuration

None: Soldering terminal

V: PWB terminal

8. Manufacturer Control No. (may be followed)

Any suffixes, nine digits max.

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LB Series Indicator lights

LB 2 P - 1 T 0 4 V 9 R - *****
 1 2 3 4 5 6 7 8 9 10 11

1. Series - LB
2. Bezel Shape
 - 1: Round
 - 2: Square
 - 3: Rectangular
 - 4: Rectangular with guard
 - 6: Round flat bezel (black color)
 - 7: Square flat bezel (black color)
 - 8: Rectangular flat bezel (black color)
 - 6M: Round flat bezel (metal color)
 - 7M: Square flat bezel (metal color)
 - 8M: Rectangular flat bezel (metal color)
 - W6: Large round flat bezel (black color)
 - W7: Large square flat bezel (black color)
 - W6M Large round flat bezel (metal color)
 - W7M: Large square flat bezel (metal color)
3. Operator Function
 - P: Indicator light
4. Operator Shape
 - 1: Flush
 - 2: Dome operator shape with round bezel
 - 1R: Ring illuminated type
 - 2R: Convex ring illuminated type
5. Switch Unit
 - T: With LB-T Series Switch unit
6. Contact Configuration
 - 0: No contact
7. Applicable Lamp Type

1: LED lamp, lamp rating (operational voltage)	5V dc
2: LED lamp, lamp rating (operational voltage)	6V ac/dc
3: LED lamp, lamp rating (operational voltage)	12V ac/dc
4: LED lamp, lamp rating (operational voltage)	24V ac/dc
0: Without LED lamp	



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- 8. Terminal Configuration
 - None: Soldering terminal
 - V: PWB terminal
- 9. Button/Lens Type
 - None: Standard Type
 - W: White Lens Type
- 10. Lens Color
 - R: Red
 - G: Gree
 - Y: Yellow
 - W: White
 - S: Blue
 - A: Amber
 - PW: Pure White
- 11. Manufacturer Control No. (may be followed)
 - Any suffixes, nine digits max.