





No.235DOC-0137

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 1 April, 2018 (Revised)  
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**LB Pushbutton switches/Illuminated Pushbutton Switches**

LB   2   L   -   M   1   T   2   4   V   L   R   -   \*\*\*\*\*  
 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**

LB   2   K   -   21   S   T   2   V   A   -   1H   -   \*\*\*\*\*  
 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>	-	<u>*****</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)

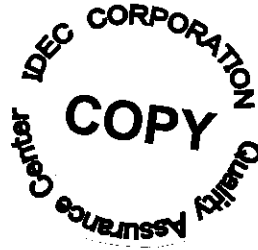
7. Terminal Configuration

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.