



Doc No.	D2B114
	D4B013
	D5B029

EU Declaration of Conformity

Identification of the Product	Control Unit (for Flameproof and Increased Safety Control Box)
Name and address of Manufacturer IDEC CORPORATION 2-6-64 Nishimiyahara, Yodogawa-Ku, Osaka 532-0004 Japan	Name and address of the authorized representative : IDEC ELEKTROTECHNIK GmbH Heselstuecken 8, 22453 Hamburg, Germany
This declaration of conformity is issued under the sole responsibility of the manufacturer.	
Object of the declaration : Series Name – EU2B 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 2014/34/EU 2011/65/EU	Low Voltage Directive Equipment for explosive atmospheres (ATEX) Directive 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 60947-5-1:2004+A1:2009 EN 60079-0: 2012+A11:2013 EN 60079-1: 2007 EN 60079-7: 2007 EN 60079-31: 2014 EN 50581: 2012	
Where applicable, the notified body Physikalisch-Technischen Bundesanstalt (PTB) (NB No.0102) Bundesallee 100, 38116 Braunschweig, Germany	
Additional Information : EC Type Examination Certificate No. PTB 08 ATEX 1053U and PTB 08 ATEX 1003U Explosion Protection: Ex II 2 G Ex d e IIC Gb Ex II 2 D Ex tb IIIC Db	
Signed for and on behalf of the above named manufacturer :	
Place and date of issue :	Japan, 20 April, 2016 Japan, 10 January, 2017 (Revised)
Name, function :	Atsushi Matsumoto, Executive Officer, Quality Assurance Center
Signature :	



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Nomenclature for Pushbutton Switch

EU2B-Y - B1 1 1 F B - *
I II III IV V VI VII

I. Basic Model Designation

EU2B-Y

II. Operator

- B1 - Flush Button
- B2 - Extended Button
- B3 - Mushroom Button

III. NO Contact Arrangement

- 0 - None
- 1 - 1 NO contact
- 2 - 2 NO contacts
- 3 - 3 NO contacts

IV. NC Contact Arrangement

- 0 - None
- 1 - 1 NC contact
- 2 - 2 NC contacts
- 3 - 3 NC contacts

V. Terminal

- C - Screw Terminal, Non-Finger Protection Type
- F - Screw Terminal, Finger Protection Type

VI. Button color

- B - Black
- G - Green
- R - Red
- Y - Yellow
- S - Blue
- W - White

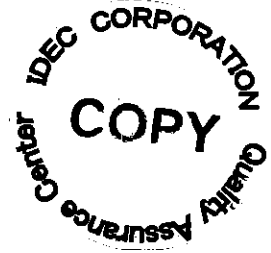
VII. Additional letter(s) and / or number(s) (optional)

* - for manufacturer control, may employ hyphens in various locations.



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Nomenclature for Selector/Key Selector Switch

EU2B-Y - SK 2 1 1 F B * **
I II III IV V VI VII VIII IX

I. Basic Model Designation

EU2B-Y

II. Operator

S - Selector
SK - Key Selector

III. Function

2 - 2-position, maintained
2R - 2-position, maintained (overlap)
2J - 2-position, maintained (special function)
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

IV. NO Contact Arrangement

0 - None
1 - 1 NO contact
2 - 2 NO contacts
3 - 3 NO contacts

V. NC Contact Arrangement

0 - None
1 - 1 NC contact
2 - 2 NC contacts
3 - 3 NC contacts

VI. Terminal

C - Screw Terminal, Non-Finger Protection Type
F - Screw Terminal, Finger Protection Type

VII. Key removable for Key Selector

2-position type

A - Key is removable in any position
B - Key is removable in left position
C - Key is removable in right position

3-position type

A - Key is removable in any position
B - Key is not removable in right position
C - Key is not removable in left position
D - Key is removable in center position
E - Key is not removable in center position
G - Key is removable in left position
H - Key is removable in right position

VIII. Key Number for Key Selector

* - Additional letter(s) and / or number(s)

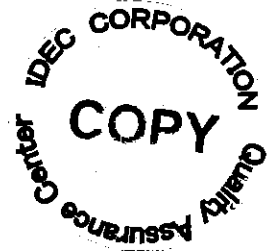
IX. Additional letter(s) and / or number(s) (optional)

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Nomenclature for Pilot Light

EU2B-Y - L1 22 F D R *
I II III IV V VI VII

I. Basic Model Designation

EU2B-Y

II. Operator

L1 - Pilot Light

III. Voltage

- 66 - 6V AC/DC
- 11 - 12V AC/DC
- 22 - 24V AC/DC
- 16 - 100/110V AC
- 116 - 115V AC
- 126 - 120V AC
- 26 - 200/220V AC
- 236 - 230V AC
- 246 - 240V AC
- 386 - 380V AC
- 46 - 400/440V AC
- 486 - 480V AC
- 110 - 100/110/120V AC/DC
- 240 - 230/240V AC/DC

IV. Terminal

- C - Screw Terminal, Non-Finger Protection Type
- F - Screw Terminal, Finger Protection Type

V. Lamp

D - LED Lamp

VI. Illuminated Color

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

VII. Additional letter(s) and / or number(s) (optional)

* - for manufacturer control, may employ hyphens in various locations.