



No.235DOC-141

Doc No.	D2B172 D5B024
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EU Declaration of Conformity

Identification of the Product	φ 30 Control Units
Name and address of Manufacturer	Name and address of the authorized representative :
IDEC CORPORATION	APEM SAS
2-6-64 Nishimiyahara, Yodogawa-Ku,	55, Avenue Edouard Herriot BP1, 82303
Osaka 532-0004 Japan	Caussade Cedex, France

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration : Series Name – TWN/TWND 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/A1:2009
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, 5 January, 2017 Japan, 18 November, 2021 (Revised)
Name, function :	Masaki Tsuru, Executive Officer Quality Assurance Center
Signature :	

Type designation for pushbutton switches

ABD 1 ※ 01 N R - MAU - ※※※※※※※※※※※※※※※※※※※※
 I II III IV V VI VII VIII

I . Operator Function

- | | |
|-----------------------------|--------------------------------------|
| ①ABN : Momentary | ②AB□D : Diecast /Momentary |
| ③AON : Alternate | ④AO□D : Diecast/ Alternate |
| ⑤AJN : Push Turn Lock | ⑥AJD : Diecast/ Push Turn Lock |
| ⑦AVN : Push Lock Turn Reset | ⑧AVD : Diecast/ Push Lock Turn Reset |
| ⑨AYN : Push Pull | ⑩AYD : Diecast/ Push Pull |
| ⑪AZN : Pull | ⑫AZD : Diecast/ Pull |
| □ None : Round | F : Full Shroud G : Half Shroud |

II . Operator Shape (may be followed)

- | | |
|----------------------------------|-----------------------------|
| 1 : Flush (apply ① - ④) | 2 : Extended (apply ① - ④) |
| 3 : Mushroom (apply ① - ⑫) | 31 : Mushroom (apply ⑨ - ⑩) |
| 4 : Jumbo Mushroom (apply ① - ④) | 8P : Pin Lock (apply ②) |

III . Bezel Shape (may be followed)

- None : Round (apply ① - ⑫) F : Full Shroud (apply ① and ③)
 G : Half Shroud (apply ① and ③)

IV . Contact Configuration (may be followed)

apply ① - ⑧, ⑪ - ⑫

- | | | | | |
|--|--------------------|----------------|---------|---------|
| 10 : 1a | 01 : 1b | 11 : 1a + 1b | 20 : 2a | 02 : 2b |
| 21 : 2a + 1b | 12 : 1a + 2b | 30 : 3 a | 03 : 3b | |
| 31 : 3a + 1b | 22 : 2a + 2b | 13 : 1a + 3b | 40 : 4a | 04 : 4b |
| 1S : 1a + 1a※ | 2S : 1b + 1b※ | | | |
| 3S/4S : Manufacturer's Control No., any Contact Blocks (max.4 pcs.) are mounted. | | | | |
| 5S : 1a + 1a※ + 1b + 1b※ | 6S : 2a + 1a※ + 1b | 7S : 1a※ + 1b※ | | |
| 8S : 2a※ + 2b※ | 9S : 1a + 1a※ + 2b | 2R : 1a※ + 1b※ | | |
| 4R : 2a※ + 2b※ | | | | |

apply ⑨ - ⑩

- | | | |
|----------------|---------------|---------------|
| 11 : 1a + 1b | 20 : 2a | 02 : 2b |
| 7S : 1a※ + 1b※ | 1S : 1a + 1a※ | 2S : 1b + 1b※ |

a※ : Early Make Contact

b※ : Late Break Contact

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V. Mounting Hole Size(may be followed)

N : 30mm (apply ②, ④ - ⑫)

VI. Button Color (may be followed)

B : Black R : Red G : Green Y : Yellow W : White S : Blue
 T : Brown O : Orange Z3 : Blue - Green DR : Dark Red DG : Dark Gray

VII. Contact Material (may be followed)

None : Silver Contact MAU : Gold Plated Silver Contact

VIII. Manufacturer Control No. (may be followed)

*****: Any Suffixes

Type designation for illuminated pushbutton switches

ALN 2 66 11 D N ** - MAU - *****
 I II III IV V VI VII VIII IX

I. Operator Function

- | | |
|------------------------------|---------------------------------------|
| ①AL□N : Momentary | ②AL□D : Diecast/Momentary |
| ③AOL□N : Alternate | ④AOL□D : Diecast/ Alternate |
| ⑤AJLN : Push Turn Lock | ⑥AJLD : Diecast/ Push Turn Lock |
| ⑦AVLN : Push Lock Turn Reset | ⑧AVLD : Diecast/ Push Lock Turn Reset |
| □ None : Round | F : Full Shroud G : Half Shroud |

II. Operator Shape (may be followed)

2 : Extended (apply ① - ④) 3 : Mushroom (apply ① - ⑧)

III. Operating Voltage (may be followed)

66 : 6V Full voltage	11 : 12V Full voltage	22 : 24V Full voltage
16 : 100/110V AC Transformer	136 : 115/120V AC Transformer	
26 : 200/220V AC Transformer	256 : 230/240V AC Transformer	
386 : 380V AC Transformer	46 : 400/440V AC Transformer	
486 : 480V AC Transformer		

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IV. Contact Configuration (may be followed)

10 : 1a	01 : 1b	11 : 1a + 1b	20 : 2a	02 : 2b
21 : 2a + 1b	12 : 1a + 2b	30 : 3a	03 : 3b	
31 : 3a + 1b	22 : 2a + 2b	13 : 1a + 3b	40 : 4a	04 : 4b
1S : 1a + 1a※	2S : 1b + 1b※			
3S/4S : Manufacturer's Control No., any Contact Blocks (max.4 pcs.) are mounted.				
5S : 1a + 1a※ + 1b + 1b※	6S : 2a + 1a※ + 1b	7S : 1a※ + 1b※		
8S : 2a※ + 2b※	9S : 1a + 1a※ + 2b	2R : 1a※ + 1b※		
4R : 2a※ + 2b※				

a※ : Early Make Contact b※ : Late Break Contact

V. Applicable Lamp (may be followed)

D : LED lamp

VI. Mounting Hole Size (may be followed)

N : 30mm

VII. Lens Color / Button Color (may be followed)

B : Black	R : Red	G : Green
Y : Yellow	A : Amber	W : White
S : Blue	PW : Pure White	C : Clear

VIII. Contact Material (may be followed)

None : Silver Contact MAU : Gold Plated Silver Contact

IX. Manufacturer Control Number (may be followed)

※※※※※※※※※※※※※※※※: Any Suffixes

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Type designation for selector switches

ASD 2 L 10 N B - ※※※ - NO1 - MAU - ※※※※※※※※※※※※※※※※
I **II** **III** **IV** **V** **VI** **VII** **VIII** **IX** **X**

I. Operator Function

ASN : Selector ASD : Diecast / Selector

II. Function Code for Selector Switches (may be followed)

2 : 90° 2 position / Maintained 21 : 90° 2 position / Spring return form right
 22 : 90° 2 position / Spring return form left 3 : 45° 3 position / Maintained
 31 : 45° 3 position / Spring return form right 32 : 45° 3 position / Spring return form left
 33 : 45° 3 position / Spring return Two-way

III. Operator Shape (may be followed)

None : Knob Handle
 L : Lever Handle
 M : Round Handle
 K : Key Handle

IV. Contact Configuration (may be followed)

10 : 1a 01 : 1b 11 : 1a + 1b 20 : 2 a 02 : 2b
 21 : 2a + 1b 12 : 1a + 2b 30 : 3a 03 : 3b
 31 : 3a + 1b 22 : 2a + 2b 13 : 1a + 3b 40 : 4a 04 : 4b
 1S : 1a + 1a※ 2S : 1b + 1b※
 2S/3S/4S : Manufacturer's Control No., any Contact Blocks (max.4 pcs.) are mounted.
 5S : 1a + 1a※ + 1b + 1b※ 6S : 2a + 1a※ + 1b 7S : 1a※ + 1b※
 8S : 2a※ + 2b※ 9S : 1a + 1a※ + 2b 2R : 1a※ + 1b※
 4R : 2a※ + 2b※

a※ : Early Make Contact b※ : Late Break Contact

V. Mounting Hole Size

N : 30mm



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VI. The key can not pull out position

None : Standard B : Right C : Left D : Right and Left E : Center
 G : Center and Right H : Center and Left

VII. Circuit number

None : Standard ※※※ : Special specifications

VIII. Key number

None : Standard ※※※※※: Special specifications

IX. Contact Material

None : Silver Contact MAU : Gold plated silver Contact

X. Manufacturer Control No. (may be followed)

※※※※※※※※※※※※※※※※: Any Suffixes

Type designation for illuminated selector switches

ASLD 2 22 11 D N ※※ - ※※※ - MAU - ※※※※※※※※※※※※※※
 I II III IV V VI VII VIII IX X

I. Operator Function

ASLN : Illuminated Selector ASLD : Diecast/Illuminated Selector

II. Function Code for Selector Switches (may be followed)

2 : 90° 2 position / Maintained 21 : 90° 2 position / Spring return form right
 22 : 90° 2 position / Spring return form left 3 : 45° 3 position / Maintained
 31 : 45° 3 position / Spring return form right 32 : 45° 3 position / Spring return form left
 33 : 45° 3 position / Spring return Two-way

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III. Operating Voltage (may be followed)

66 : 6V Full voltage	11 : 12V Full voltage	22 : 24V Full voltage
16 : 100/110V AC Transformer	136 : 115/120V AC Transformer	
26 : 200/220V AC Transformer	256 : 230/240V AC Transformer	
386 : 380V AC Transformer	46 : 400/440V AC Transformer	
486 : 480V AC Transformer		

IV. Contact Configuration (may be followed)

10 : 1a	01 : 1b	11 : 1a + 1b	20 : 2 a	02 : 2b
21 : 2a + 1b	12 : 1a + 2b	30 : 3 a	03 : 3b	
31 : 3a + 1b	22 : 2a + 2b	13 : 1a + 3b	40 : 4a	04 : 4b
1S : 1a + 1a※	2S : 1b + 1b※			
2S/3S/4S : Manufacturer's Control No., any Contact Blocks (max.4 pcs.) are mounted.				
5S : 1a + 1a※ + 1b + 1b※	6S : 2a + 1a※ + 1b	7S : 1a※ + 1b※		
8S : 2a※ + 2b※	9S : 1a + 1a※ + 2b	2R : 1a※ + 1b※		
4R : 2a※ + 2b※				

a※ : Early Make Contact b※ : Late Break Contact

V. Applicable Lamp (may be followed)

D : LED lamp

VI. Mounting Hole Size (may be followed)

N : 30mm

VII. Lens Color / Button Color (may be followed)

B : Black	R : Red	G : Green
Y : Yellow	A : Amber	W : White
S : Blue	PW : Pure White	C : Clear

VIII. Circuit number

None : Standard ※※※ : Special specifications

IX. Contact Material (may be followed)

None : Silver Contact MAU : Gold Plated Silver Contact

X. Manufacturer Control No. (may be followed)

※※※※※※※※※※※※※※※※: Any Suffixes

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Type designation for selector pushbutton switches

ASBD **2** **L** **10** **N** - **A03** **B** - **MAU** - **XXXXXXXXXXXXXXXXXXXX**
I **II III** **IV** **V** **VI** **VII** **VIII** **IX**

I. Operator Function

ASBN : Selector Pushbutton

ASBD : Diecast / Selector Pushbutton

II. Function Code for Selector Switches (may be followed)

2 : 90° 2 position / Maintained

III. Operator Shape (may be followed)

None : Ring Handle

L : Lever Handle

IV. Contact Configuration (may be followed)

11 : 1a (a※) + 1b (b※)

20 : 2a (a※)

02 : 2b (b※)

22 : 2a (a※) + 2b (b※)

40 : 4a (a※)

04 : 4b (b※)

a※ : Early Make Contact

b※ : Late Break Contact

V. Mounting Hole Size (may be followed)

N : 30mm

VI. Circuit Code (may be followed)

A※※ - Circuit A

B※※ - Circuit B

C※※ - Circuit C

D※※ - Circuit D

E※※ - Circuit E

F※※ - Circuit F

G※※ - Circuit G

H※※ - Circuit H

K※※ - Circuit K

VII. Lens Color / Button Color (may be followed)

B : Black

R : Red

G : Green

Y : Yellow

A : Amber

W : White

S : Blue

PW : Pure White

C : Clear

VIII. Contact Material (may be followed)

None : Silver Contact

MAU : Gold Plated Silver Contact

IX. Manufacturer Control No. (may be followed)

XXXXXXXXXXXXXXXXXXXX: Any Suffixes

