**IDEC**

| Doc No. | D2B083<br>D5B123 |
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# EU Declaration of Conformity

| Identification of the Product | Pushbutton Switches |
|---|---|

| **Name and address of Manufacturer** | **Name and address of the authorized representative :** |
|---|---|
| IDEC CORPORATION<br>2-6-64 Nishimiyahara, Yodogawa-Ku,<br>Osaka 532-0004 Japan | APEM SAS<br>55, Avenue Edouard Herriot BP1, 82303<br>Caussade Cedex, France |

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

**Object of the declaration :** Series Name – XA/XW/XN 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 :**

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**Signed for and on behalf of the above named manufacturer :**

| Place and date of issue | : | Japan, 20 April, 2016<br>Japan, 29 August, 2023 (Revised) |
|---|---|---|
| Name, function | : | Masaki Tsuri, Executive Officer<br>Quality Assurance Center |
| Signature | : | |

*Masaki Tsuri*

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## XA Series:

### XA1E-(1)V(2)(3)(4)(5)(6)(7)(8)(9)(10)

| | |
|---|---|
| (1) Function | B: Non-illuminated |
| | L: Illuminated |
| (2) Button size (may be followed) | 3: ø29 |
| | 4: ø40 |
| | 3T: ø30, Round Form Type |
| | 4T: ø40, Round Form Type |
| (3) Body Structure : | None: Separate-body type |
| | U: Uni-body type |
| (4) Number of NO contact (may be followed) | 0 to 3 |
| (5) Number of NC contact (may be followed) | 1 to 4 |
| (6) LED rated voltage (may be followed) | None: Non-Illuminated |
| | Q4: AC/DC24V |
| | Q3: AC/DC12V |
| | Q2: AC/DC6V |
| | Q1: DC5V |
| (7) Protection | None: IP65 |
| | K: IP40 |
| (8) Terminal form (may be followed) | None: Solder terminal |
| | V: PCB terminal |
| | T: Tab terminal |
| (9) Button color (may be followed) | N: Gray |
| | Y: Yellow |
| | B: Black |
| | G: Green |
| | W: White |
| | S: Blue |
| (10) Additional letters and/or numbers (may be followed) | Manufacturer control number |

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## XW Series:

### XW1E-(1)V(2)(3)(4)(5)(6)(7)(8)-(9)-(10)

| | |
|---|---|
| (1) Function | B: Non-illuminated |
| | L: Illuminated |
| | T: Illuminated (linked to Operation) |
| (2) Button size (may be followed) | 4: ø40 |
| | 4T: ø38, Round Form Type |
| | 5: ø60 |
| (3) Color for Body of Button (may be followed) | None: Yellow |
| | G: Green |
| (4) Number of NO contact (may be followed) | 0 to 3 |
| (5) Number of NC contact (may be followed) | 1 to 4 |
| (6) LED rated voltage (may be followed) | None: Non-Illuminated |
| | Q4: AC/DC24V |
| | Q3: AC/DC12V |
| | Q2: AC/DC6V |
| | Q1: DC5V |
| (7) Terminal form (may be followed) | None: Solder terminal |
| | V: PCB terminal |
| | M: Screw terminal |
| | MF: Screw terminal with terminal cover, Type XW9Z-VL2MF |
| (8) Button color (may be followed) | N: Gray |
| | Y: Yellow |
| | B: Black |
| | G: Green |
| | W: White |
| | S: Blue |
| (9) Connection (may be followed) *: letters and/or numbers | None: Without connector on PWB |
| | BC*: With connector on PWB (Ui=250V) |
| | BC: With connector on PWB (Ui=125V) |
| (10) Additional letters and/or numbers (may be followed) | Manufacturer control number |

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## **XN Series:**

### **XN(1)E-(2)(3)(4)(5)(6)(7)(8)(9)-(10)-(11)**

(1) Bezel shape
1: Round, plastic type
4: Round, metal type
5: Round, Flat Bezel, metal type

(2) Function
B: Non-illuminated
L: Illuminated
T: Illuminated (Linked to Operation)

(3) Operation
L: Pushlock turn reset, Padlock type
D: Pushlock turn reset, Indicator type
V: Pushlock turn reset or Pull reset

(4) Button size (may be followed)
4: ø40 (Pushlock turn reset or Pull reset type) or
ø44 (Pushlock turn reset, Padlock type and
Indicator type)
5: ø60

(5) Number of NO contact (may be followed) 0 to 3

(6) Number of NC contact (may be followed) 1 to 4

(7) LED rated voltage (may be followed)
None: Non-Illuminated
Q4: AC/DC24V
Q3: AC/DC12V
Q2: AC/DC6V
Q1: DC5V

(8) Terminal form (may be followed)
None: Solder terminal
V: PCB terminal
M: M3 Screw terminal
MF: M3 Screw terminal with terminal cover,
Type XW9Z-VL2MF

(9) Button color (may be followed)
N: Gray
Y: Yellow
B: Black
G: Green
W: White
S: Blue

(10) Connection (may be followed)
  *: letters and/or numbers
None: Without connector on PWB
BC*: With connector on PWB (Ui=250V)
BC: With connector on PWB (Ui=125V)

(11) Additional letters and/or numbers
  (may be followed)
Manufacturer control number

**XA Short Body Type :**

   **XA1E-(1)(2)(3)(4)(5)(6)(7)(8)(9)(10)-(11)**

| | |
|---|---|
| (1) Illumination | BV – None |
| | LV – Provided |
| (2) Button size | 3 – 30 mm diameter |
| (3) Body size | S – Short body |
| (4) Body color | None – Black when enclosure suffix K |
| | G     – Green |
| (5) Number of normally open contact | 0 – 0 |
| | 1 – 1 |
| (6) Number of normally close contact | 0 – 0 |
| | 1 – 1 |
| | 2 – 2 |
| (7) Enclosure type | None – IP65//IP67/IP69/IP69K |
| | K     – IP40 |
| (8) LED voltage | Q4 – 24 V |
| (9) Terminal | None – Soldering terminal |
| | T    – Soldering and #110 tab terminal |

| (10) Button color | N – Grey |
| | Y – Yellow |

| (11) Additional letter(s) and/or number(s) (may be followed) | Manufacturer control number |

### XW Short Body Type :

**XW1E-(1)(2)(3)(4)(5)(6)(7)(8)(9)(10)-(11)**

| (1) Illumination | BV – None |
| | LV – Provided |

| (2) Button size | 3 – 30 mm diameter |

| (3) Body size | S – Short body |

| (4) Body color | G – Green |

| (5) Number of normally open contact | 0 – 0 |
| | 1 – 1 |

| (6) Number of normally close contact | 0 – 0 |
| | 1 – 1 |
| | 2 – 2 |

(7) Enclosure type                                    None – IP65//IP67/IP69/IP69K

(8) LED voltage                                       Q4 – 24 V

(9) Terminal                                          None – Soldering terminal
                                                      T     – Soldering and #110 tab terminal

(10) Button color                                     N     – Grey

                                                      Y     – Yellow

(11) Additional letter(s) and/or number(s)            Manufacturer control number
     (may be followed)