



Product Service

CERTIFICATE

No. B 013332 0238 Rev. 01

Holder of Certificate: IDEC CORPORATION

2-6-64 Nishimiyahara, Yodogawa-Ku
Osaka
532-0004 JAPAN

Certification Mark:



Product:

**Switches
Electrical Emergency Stop Switches**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73583775

Valid until: 2026-11-15

Date, 2021-11-16

(Shigehisa Ishikawa)

CERTIFICATE

No. B 013332 0238 Rev. 01

Model(s): X6 Series, Models AB6E

Nomenclature:

AB6E – **3** **BV** **01** **P** **I** **R** – **xxx**
I II III IV V VI VII VIII

I. Basic Model Designation:

AB6E - X6 Series

II. Button Size

3 - 30 mm O.D.
4 - 40 mm O.D.

III. Function

BV - Non-Illuminated

IV. Number of NC Contacts (direct opening)

01 - 1 NC Contact
02 - 2 NC Contact

V. Protection (from panel front)

None - IP40
P - IP65

VI. Terminal Configuration

None - Solder terminal
T - Tab terminal

VII. Color Button

R - Red
RH - Bright Red
RM - Bright Red (arrow marked button)
RR - Crimson Red
RRM - Crimson Red (arrow marked button)
Y - Yellow (Not suitable as emergency stop switch)
YM - Yellow (Not suitable as emergency stop switch, arrow marked button)
N - Gray (Not suitable as emergency stop switch)
NM - Gray (Not suitable as emergency stop switch, arrow marked button)
B - Black (Not suitable as emergency stop switch)
G - Green (Not suitable as emergency stop switch)
S - Blue (Not suitable as emergency stop switch)
W - White (Not suitable as emergency stop switch)

VIII. Manufacturer Control Number (Optional)

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



CERTIFICATE

No. B 013332 0238 Rev. 01

Parameters:

Conventional free air thermal current (I _{th}):	5 A (AC/DC)
Rated voltage and current:	250V AC, 1.5A 250V AC, 0.75A 30V DC, 1A
Utilization category:	AC-15, DC-13
Rated impulse withstand voltage (U _{imp}):	2.5 kV
Protection class:	II (between Live parts and Panel front (Bezel))
Protection degree:	IP65 (Panel front), IP40 (Panel front)
Pollution degree:	3 (outside panel), 2 (inside panel)
Overvoltage category:	II
Mechanical durability:	100 000 cycles (900 operations/hour)
Electrical durability:	100 000 cycles (900 operations/hour)
Ambient Temperature Range:	-25 to 60 °C
Max. Altitude:	2000 m

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN 60947-5-5:1997/A2:2017