

Zertifikat

mit überwachter Konformität

Certificate

of surveyed conformity



Zertifikat Nr. *Certificate No.*
J 50118599

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
J7046

Unser Zeichen *Our Reference*
ZO-SHY- 09561114 012

Ausstellungsdatum
21.02.2008

Date of Issue
(day/mo/yr)

Genehmigungsinhaber License Holder
IDEC CORPORATION
1-7-31 Nishi-Miyahara
Yodogawa-ku, Osaka
532-8550 JAPAN

Fertigungsstätte Manufacturing Plant
IDEC CORPORATION
Kyoto Plant
20 Ohari, Kotari
Nagaokakyo-shi, Kyoto
617-0833 JAPAN

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*

EN 60947-5-1:2004



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Control Switch

Type Designation (Final product): LW ab-c defghijk-l-m-n
a - n = (see Appendix 1)

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Contact Material : Ag Ag with Au alloy
Utilization Category: AC-12 DC-12 DC-12 AC-12 DC-12
Operational Voltage : 250V 125V 30V 125V 30V
Operational Current : 3,0A 0,4A 2,0A 0,1A 0,1A
Rated Conditional Short-Circuit Current: 50A
Pollution Degree : 3, (2 inside enclosure)
Overvoltage Category: II
Ambient temperature : -5°C to +40°C
IP degree : IP65 or IP40



Remark: Reissue of J 9551801.

The labelling requirements acc. to EU Directive 2001/95
have to be observed for distribution within the EEA.

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above-mentioned-requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. M. Geiser

Constructional Data Form (EN 60947-5-1)

Type designation for final product (Operator unit + Contact unit with/without lamp)

LW 2 L - M E 1 C 2 7 V R - - - - TK * * * * *
① a) b) c) d) e) f) g) h) i) j) k) l) m) n)

①Series LW

a) Bezel Shape (may be followed)

- 1 - Round
- 2 - Square
- 3 - Round with square
- 5 - Rectangular
- 6 - Round flat bezel
- 7 - Square flat bezel
- 6M - Round flat bezel Metal type
- 6G - Round Flat bezel with switch guard
- 7G - Square flat bezel with switch guard



b) Operator function (may be followed)

- B - Non-illuminated pushbutton
- L - Illuminated pushbutton
- S - Selector
- F - Illuminated selector
- K - Keylock selector
- P - Indicator light
- J - Illuminated Keylock selector

c) Function (may be followed)

- M - Momentary
- A - Alternate
- 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
- None - Indicator light or
with Type LW1L-ME2-TK * , LW2L-ME2-TK * or LW5L-ME2-TK * operator unit

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d) Degree of Protection (may be followed)

- None - IP65 or
with Type LW1L-ME2-TK * , LW2L-ME2-TK * or LW5L-ME2-TK * operator unit
- E - IP40

e) Operator Shape (may be followed)

- 1 - Flush
- 2 - Extended
- 3 - Mushroom
- None - Selector, Illuminated selector, Keylock selector, Illuminated Keylock selector or
with Type LW1L-ME2-TK * , LW2L-ME2-TK * or LW5L-ME2-TK * operator unit
- L - Lever handle for selector

f) Switch Unit

- C with LW-C Series switch unit
- None - Indicator light, Short body type or
with Type LW1L-ME2-TK * , LW2L-ME2-TK * or LW5L-ME2-TK * operator unit

g) Contact configuration

- 0 - No contacts
- 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)
- None - Pilot light, Short body type



h) Applicable lamp

- 0 - Illuminated type switch, without lamp
- 1 - LED lamp, lamp rating (=Operational voltage) 5V
- 2 - LED lamp, lamp rating (=Operational voltage) 6V
- 3 - LED lamp, lamp rating (=Operational voltage) 12V
- 4 - LED lamp, lamp rating (=Operational voltage) 24V
- 5 - Incandescent lamp, lamp rating 6.3V, Operational voltage 6V
- 6 - Incandescent lamp, lamp rating 18V, Operational voltage 12V
- 7 - Incandescent lamp, lamp rating 30V, Operational voltage 24V
- None - Non-illuminated type operator

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i) Terminal Configuration (may be followed)

- None - Solder / Tab terminal
- V - for PWB terminal
- M - Screw terminal



j) Button Color / Lens Color (may be followed by two colors)

- B - Black
- R - Red
- G - Green
- G may be followed by D - Green for LED Lamp
- G may be followed by L - Green for Incandescent Lamp
- Y - Yellow
- A - Amber
- W - White
- S - Blue
- PW - Pure White
- None - Selector or Keylock selector
- LB - Black (For Non-illuminated pushbutton with lens)
- LR - Red (For Non-illuminated pushbutton with lens)
- LG - Green (For Non-illuminated pushbutton with lens)
- LY - Yellow (For Non-illuminated pushbutton with lens)
- LA - Amber (For Non-illuminated pushbutton with lens)
- LW - White (For Non-illuminated pushbutton with lens)
- LS - Blue (For Non-illuminated pushbutton with lens)

k) Key removable configuration for keylock selector or Illuminated Keylock selector (may be followed)

- A - Key is removable in any maintained position
- B - Key is not removable in right position
- C - Key is not removable in left position
- D - Key is removable in center position (3-position type)
- E - Key is not removable in center position (3-position type)
- G - Key is removable in left position (3-position type)
- H - Key is removable in right position (3-position type)

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l) Subordinate key number for keylock selector or Illuminated Keylock selector (may be followed)

501 to 999 - Any 3 digits

None - Not applicable to subordinate key number

m) Terminal Configuration (may be followed)

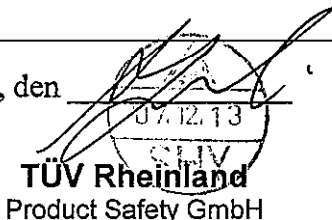
BC - PWB Terminal with Connector and PWB

n) Manufacturer control number (may be followed)

Additional letters and/or numbers



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