

CERTIFICATE OF COMPLIANCE

Certificate Number 20170531-E68961
Report Reference E68961-19800530
Issue Date 2017-MAY-31

Issued to: IDEC CORP
6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KU
OSAKA 532-0004 JAPAN

**This is to certify that
representative samples of**

AUXILIARY DEVICES
See addendum page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

UL 508 STANDARD FOR INDUSTRIAL CONTROL
EQUIPMENT
CSA C22.2 NO. 14-13 INDUSTRIAL CONTROL
EQUIPMENT

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

MODELS

USL, CNL - Industrial Control Equipment - Auxiliary Devices.

1. Final Product Type No.

TWTD/TW Series (Panel Cutout Dimensions, 22 mm diameter)

(1) Pushbutton Switches

Type AB, AO, AK or AX may be followed by F, G, H or Q, followed by WD or W.

Alternate - Type ABWD, ABW, AOWD, AOW, AKWD, AKW, AXWD, AXW.

Type AJ, AT, AV, AY or AZ, may be followed by F, G, H or Q, followed by WD or W.

(2) Selector Switches

Type ASWD, ASW, ASHWD & ASHW.

Alternate - ASWD, ASW.

(3) Selector Pushbutton Switches

Type ASBWD & ASBW.

(4) Monolever Switches

Type ARW & ARWL.

(5) Illuminated Pushbutton Switches

Type AL or AOL, may be followed by F, H and/or Q, followed by WD or W.

Alternate - Type ALWD, ALW, AOLWD, AOLW. Type AJL, AVL, AYL or AZL, may be followed by F, H or Q, followed by WD or W.

(6) Illuminated Selector Switches



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Type ASLHWD, ASLHW, ASLWD & ASLW.
Alternate - Type ASL□WD, ASL□W.
Type USL, may be followed by H, followed by WD or *W.

TWS Series (Panel Cutout Dimensions, 25 mm diam.)

(1) Push-Button Switches

Type AB or AO, may be followed by F, G, or Q, followed by S.

Alternate - Type ABS, AOS. Types AJ, AK, AT, AV, AY, AZ, UB or UO, may be followed F, G, or Q, followed by S.

(2) Selector Switches

Type ASS, for use with manufacturer's contact blocks.

(3) Illuminated Push-Button Switches

Type AL or AOL, may be followed by F, G, or Q, followed by S.

Alternate - Types ALS, AOLS.

Types AJL, AVL, UL, or UOL, may be followed by F, G, or Q, followed by S.

(4) Illuminated Selector Switches

Types ASLS and USLS, for use with manufacturer's contact blocks and/or transformer/ac adaptor.

Pilot Lights

Types APWD, APHWD and APQWD - Alternate - APWD

Types APW, APHW and APQW - Alternate - APW

Types UPQS and UPQMS - Alternate - UPQS

and Types APS, UPQW and APWN

The above final product type numbers may be followed by additional suffix number(s) and/or letter(s) for manufacturer's control.

2. Alternate Type Designation System to Final Product Designation System.

Contact Blocks - Types TW-F10, -F01, F10L, -F01L, -F10M, -F01M, -F10R, -F01R, -F10T, -F01T, TW-C10, -C01, C10L, -C01L, -C10M, -C01M, -C10R, -C01R, -C10T, -C01T, HW-C10, -C10R, -C01R, -C10-MAU, -C01-MAU, -C10R-MAU, -C01R-MAU, HW-F10, -F01, -F10R, F01R, -F10-MAU, -F01-MAU, -F10R-MAU, -F01R-MAU, HW-



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G10, -G01, -G10R, -G01R, -G10-MAU, -G01-MAU, -G10R-MAU, -G01R-MAU, HW-U10, -U01, -U10R, -U01R, -U10-MAU, -U01-MAU, -U10R-MAU and -U01R-MAU for use with this manufacturer's Push-Button, Selector Switch, Monolever Switch and Illuminated Type Operators.

Lamp Transformers - Types TW, TWAN, TWAR, TWS, HW-T, and HW-L.

Dummy Block - Type TW-D and HW-DB

Direct Adapter - Types TW-DA1, TW-DA1F, HW-DA1, HW-DA1F, HW-GA1, and HW-GA1N.



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