20141015-E347230 **Certificate Number** E347230-20141013 **Report Reference** 2014-OCTOBER-15 **Issue Date**

> **IDEC CORP** Issued to:

> > 6-64 NISHIMIYAHARA 2-CHOME

YODOGAWA-KU

OSAKA 532-0004 JAPAN

This is to certify that representative samples of AUXILIARY DEVICES FOR USE IN ZONE CLASSIFIED

HAZARDOUS LOCATIONS

See Addendum Page

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum Page 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.



nt Chief Engineer, Global Inspection and Field Services





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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:

Type EU2B-U; followed by B1, B2 or B3; followed by 00; followed by additional alpha-numeric characters; may be followed by D; may be followed by additional letters Push Button Switch Operators

Type EU2B-UBV3; followed by 00; followed by additional alpha-numeric characters; may be followed by additional letters Pushlock Turn Reset, Pull Reset, or Emergency Stop Switch Operator

Type EU2B-US; followed by 2, 2R, 2J, 21, 3, 31, 32, or 33; followed by 00; may be followed by additional letters Selector Switch Operator

Type EU2B-USK; followed by 2, 2R, 2J, 21, 3, 31, 32, or 33; followed by 00; followed by A, B, C, D, E, G, or H; followed by additional alpha-numeric characters; may be followed by additional letters Key Selector Switch Operator

Type EU2B-UL10; followed by additional alpha-numeric characters; may be followed by additional letters Lens Unit

Type EU9Z-BP Plug

For use in Class I, Zone 1, AEx e IIC and Ex e IIC Hazardous Locations.

Type EU2B-Y; followed by B1, B2 or B3; followed by 0, 1, 2, or 3; followed by 0, 1, 2, or 3; followed by C or F; followed by additional alpha-numeric characters; may be followed by D; may be followed by additional letters Push Button Switch



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Type EU2B-YBV; followed by 3; followed by 0, 1, 2, or 3; followed by 0, 1, 2, or 3; followed by C or F; followed by additional alpha-numeric characters; may be followed by additional letters Pushlock Turn Reset, Pull Reset, or Emergency Stop Switch

Type EU2B-YS; followed by blank or K; followed by 2, 2R, 2J, 21, 3, 31, 32, or 33; followed by 0, 1, 2, or 3; followed by 0, 1, 2, or 3; followed by blank, N1, N2, N3, N4, N5, N6, N7, N8, or N9; followed by C or F; may be followed by A, B, C, D, E, G, or H; may be followed by additional alpha-numeric characters; may be followed by additional letters Selector Switch

Type EU2B-N; followed by C or F; followed by 10 or 01; may be followed by additional letters Contact Block

Type EU2B-YM; followed by 1 or 5; followed by 3, 2, 5, N, or blank; followed by A; followed by blank or additional letters and/or numbers, followed by C or F; followed by blank or R; may be followed by additional letters AC Ammeter

Type EU2B-YM; followed by numbers denoting input voltage; followed by VD; followed by C or F; followed by blank or additional letters and/or numbers; followed by blank or R; may be followed by additional letters DC Voltmeter

Type EU2B-YM; followed by 001, 420, or 010; followed by MD; followed by C or F; followed by blank or additional letters and/or numbers; followed by blank or R; may be followed by additional letters DC Ammeter

For use in Class I, Zone 1, AEx de IIC and Ex de IIC Hazardous Locations.

USL:

Type EU2B-XL; followed by 66, 11, 22, 16, 116, 126, 26, 236, 246, 386, 46, 486, 110, or 240; followed by C or F; followed by D, followed by additional alpha-numeric characters; may be followed by additional letters Lamp Unit



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Type EU2B-YL1; followed by 66, 11, 22, 16, 116, 126, 26, 236, 246, 386, 46, 486, 110, or 240; followed by C or F; followed by D, followed by additional alpha-numeric characters; may be followed by additional letters Pilot Light

For use in Class I, Zone 1, AEx de IIC Hazardous Locations.

CNL:

Type EU2B-XL; followed by 66, 11, 22, 16, 116, 126, 26, 236, 246, 386, 46, 486, 110, or 240; followed by C or F; followed by D, followed by additional alpha-numeric characters; may be followed by additional letters Lamp Unit

Type EU2B-YL1; followed by 66, 11, 22, 16, 116, 126, 26, 236, 246, 386, 46, 486, 110, or 240; followed by C or F; followed by D, followed by additional alpha-numeric characters; may be followed by additional letters Pilot Light

For use in Ex de IIB Hazardous Locations.



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Standards for Safety:

UL 508, Industrial Control Equipment

UL 60079-0, Explosive atmospheres - Part 0: Equipment - General requirements

UL 60079-1, Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d"

UL 60079-7, Explosive Atmospheres - Part 7: Equipment protection by increased safety "e"

CSA C22.2 No. 14-13, Control Equipment

CSA-C22.2 No. 60079-0:11, Explosive atmospheres -- Part 0: Equipment -- General requirements

CSA-C22.2 No. 60079-1:11, Explosive atmospheres -- Part 1: Equipment protection by flameproof enclosures "d"

CSA-C22.2 No. 60079-7:12, Explosive atmospheres -- Part 7: Equipment protection by increased safety "e"







