

CERTIFICATE OF COMPLIANCE

Certificate Number E102542
Report Reference E102542-2013-08-10
Date 2020-December-30

Issued to: IDEC CORP
6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KUOSAKA 532-0004 JP

This is to certify that representative samples of PROGRAMMABLE CONTROLLERS
See Addendum Page for Product Designation(s).

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. 14-18 : INDUSTRIAL CONTROL EQUIPMENT

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please 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

USL - CNL - Programmable Controller, FC6A and FC6B Series. Consists of the following modules:

FC6A Series:

CPU Modules : FC6A-M16R1, -M16R4, -M16R1E, -M16R4E, -M16P1, -M16P4, -M16P1E, -M16P4E, -M32P3, -M32P3E.

CPU Modules Brick Types : FC6A-C16R1A, -C16R4A, -C16R1AE, -C16R4AE, -C16R1CE, -C16R4CE, -C24R1A, -C24R4A, -C24R1AE, -C24R4AE - C24R1CE, -C24R4CE, -C40R1A, -C40R4A, C40R1AE, -C40R4AE, -C40R1CE, -C40R4CE, -C40R1DE, -C40R4DE, -C16P1C, --C16P4C, C16P1CE, -C16P4CE, -C24P1C, -C24P4C, -C24P1CE, -C24P4CE, -C16P1C-2, --C16P4C-2, C16P1CE-2, -C16P4CE-2, -C40P1C, -C40P4C, -C40P1CE, -C40P4CE, -C40P1DE, -C40P4DE, -C16K1C, -C16K4C, -C16K1CE, -C16K4CE, -C24K1C, -C24K4C, -C24K1CE, -C24K4CE, -C40K1C, -C40K4C, -C40K1CE, -C40K4CE, -C40K1DE, -C40K4DE.

CPU Modules Brick CAN bus Types : FC6A-C40R1AEJ, -C40R4AEJ, -C40R1CEJ, -C40R4CEJ, -C40R1DEJ, -C40R4DEJ, -C40P1CEJ, -C40P4CEJ, -C40P1DEJ, -C40P4DEJ, -C40K1CEJ, -C40K4CEJ, -C40K1DEJ, -C40K4DEJ.

Input Modules: FC6A-N08B1, -N08B4, -N16B1, -N16B4, -N16B3, -N32B3, -N08A11 -N08A14.

Output Modules : FC6A-R081, -R084, -R161, -R164, -T08P1, -T08P4, -T16P1, -T16P4 -T16P3, -T32P3, -T08K1, -T08K4, -T16K1, -T16K4, -T16K3, -T32K3.

I/O Mixture Modules: FC6A-M08BR1, -M08BR4, -M24BR1, -M24BR4, -TYS4.

Analog Modules: FC6A-J2C1, -J2C4, -J4A1, -J4A4, -J8A1, -J8A4, -K2A1, -K2A4, -K4A1, -K4A4, -L06A1, -L06A4, -L03CN1, -L03CN4, -J4CN1, -J4CN4, -J4CH1Y, -J4CH4Y, -J8CU1, -J8CU4, -F2MR1, -F2MR4, -F2M1, -F2M4.

Option Modules (Used for FC6A and FC6B series): FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2, -PC3, -PC4.

Expansion Interface module: FC6A-EXM2, -EXM24

HMI module : FC6A-PH1

FC6B series:



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CERTIFICATE OF COMPLIANCE

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CPU Modules Brick Low-end Types: FC6B-C16R1A, -C16R4A, -C16R1C, -C16R4C, -C24R1A, -C24R4A, -C24R1C, -C24R4C, -C40R1A, -C40R4A, -C40R1C, -C40R4C, -C16P1C, -C16P4C, -C24P1C, -C24P4C, -C40P1C, -C40P4C, -C16K1C, -C16K4C, -C24K1C, -C24K4C, -C40K1C, -C40K4C.



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CERTIFICATE OF COMPLIANCE

Certificate Number E211795
Report Reference E211795-20150814
Issue Date 2020-FEBRUARY-03

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

This certificate confirms that representative samples of PROGRAMMABLE CONTROLLERS FOR USE IN HAZARDOUS LOCATIONS
See Addendum Page

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

Standard(s) for Safety: UL 121201 -NONINCENDIVE ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2 AND CLASS III, DIVISIONS 1 AND 2 HAZARDOUS (CLASSIFIED) LOCATIONS
CSA C22.2 NO. 213 -NONINCENDIVE ELECTRICAL EQUIPMENT FOR USE IN CLASS I AND II, DIVISION 2 AND CLASS III, DIVISIONS 1 AND 2 HAZARDOUS (CLASSIFIED) LOCATIONS

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

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CERTIFICATE OF COMPLIANCE

Certificate Number E211795
Report Reference E211795-20150814
Issue Date 2020-FEBRUARY-03

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

USL, CNL - Programmable Controller, FC6A series for use in Class I, Division 2, Groups A, B, C, D Hazardous Locations. Consists of the following modules:

CPU Modules: FC6A-M16R1, -M16R4, -M16R1E, -M16R4E, -M16P1, -M16P4, -M16P1E, -M16P4E, -M32P3, -M32P3E.

CPU Modules Brick Types: FC6A-C16R1A, -C16R1AE, -C24R1A, -C24R1AE, -C40R1A, -C40R1AE, -C16P1C, -C16P1CE, -C24P1C, -C24P1CE, -C40P1C, -C40P1CE, -C16K1C, -C16K1CE, -C24K1C, -C24K1CE, -C40K1C, -C40K1CE, -C16R1CE, -C24R1CE, -C40R1CE, -C40R1DE, -C16P1C-2, -C40P1DE, -C40K1DE.

CPU Modules CAN bus Types: FC6A-C40R1AEJ, -C40R1CEJ, -C40R1DEJ, -C40P1CEJ, -C40P1DEJ, -C40K1CEJ, -C40K1DEJ.

FC6B-C16R1A, -C16R1C, -C24R1A, -C24R1C, -C40R1A, -C40R1C, -C16P1C, -C24P1C, -C40P1C, -C16K1C, -C24K1C, -C40K1C

*Input Modules: FC6A-N08B1, -N08B4, -N32B3, -N08A11, -N08A14.

Output Modules: FC6A-R081, -R084, -R161, -R164, -T08P1, -T08P4, -T16P1, -T16P4, -T16P3, -T32P3, -T08K1, -T08K4, -T16K1, -T16K4, -T16K3, -T32K3.

I/O Mixture Modules: FC6A-M08BR1, -M08BR4, -M24BR1, -M24BR4, -TYS4.

Analog Modules: FC6A-J2C1, -J2C4, -J4A1, -J4A4, -J8A1, -J8A4, -K2A1, -K2A4, -K4A1, -K4A4, -L06A1, -L06A4, -L03CN1, -L03CN4, -J4CN1, -J4CN4, -J4CH1Y, -J4CH4Y, -J8CU1, -J8CU4, -F2MR1, -F2MR4, -F2M1, -F2M4.

Option Modules: FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2, -PC3.

Expansion Interface Modules: FC6A-EXM2, -EXM24.

HMI Module: FC6A-PH1

B. Mahlenz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Certificate of Compliance

Certificate Number:

UL-US-L102542-110-01017102-3

Report Reference:

E102542-20171010

Issue Date:

2024-02-01

Issued to:

IDEC CORP

6-64 NISHIMIYAHARA 2-CHOME YODOGAWA-KU, Osaka 532-0004

Japan

This certificate confirms that representative samples of:

NRAQ - Programmable Controllers

See Addendum Page for Product Designation(s).

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

UL 61010-1, 3rd Ed., Issue Date: 2012-05-11, Revision Date: 2019-07-19, UL 61010-2-201, Edition 2, Issue Date 2018-05-14, Revision Date 2022-08-08

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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Look for the UL Certification Mark on the product.



David Piecuch
UL Mark Certification Program Manager



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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L102542-110-01017102-3
Report reference E102542-20171010
Date 2024-02-01

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

Model	Product Description
FC6A , FC6A-C16K1DE	Programmable Controllers
FC6A , FC6A-C16P1DE	Programmable Controllers
FC6A , FC6A-C16R1DE	Programmable Controllers
FC6A-D16K1CEE	Programmable Controllers
FC6 , FC6A-D16K4CEE	Programmable Controllers
FC6A-D16P1CEE	Programmable Controllers
FC6 , FC6A-D16P4CEE	Programmable Controllers
FC6A-D16R1CEE	Programmable Controllers
FC6 , FC6A-D16R4CEE	Programmable Controllers
FC6A-D32K3CEE	Programmable Controllers
FC6 , FC6A-D32K4CEE	Programmable Controllers
FC6A-D32P3CEE	Programmable Controllers
FC6 , FC6A-D32P4CEE	Programmable Controllers
FC6A-EXM1M	Programmable Controllers
FC6A-EXM1S	Programmable Controllers
FC6 , FC6A-EXM1S4	Programmable Controllers
FC6A-HPH1	Programmable Controllers
FC6A-PC4	Programmable Controllers
FC6A-PC99	Programmable Controllers
FC6A-PN4	Programmable Controllers
FC6A-PTK4	Programmable Controllers
FC6A-PTS4	Programmable Controllers
FC6A-SIF52	Programmable Controllers
FC6 , FC6A-SIF524	Programmable Controllers
FC6B-D16K1C	Programmable Controllers
FC6 , FC6B-D16K4C	Programmable Controllers
FC6B-D16P1C	Programmable Controllers
FC6 , FC6B-D16P4C	Programmable Controllers
FC6B-D16R1C	Programmable Controllers
FC6 , FC6B-D16R4C	Programmable Controllers
FC6B-D32K3C	Programmable Controllers
FC6 , FC6B-D32K4C	Programmable Controllers
FC6B-D32P3C	Programmable Controllers
FC6 , FC6B-D32P4C	Programmable Controllers
Input Modules FC6A-N1B1, -B4, -B3	Programmable Controllers
SX8R , SX8R-ECB1	Programmable Controllers
SX8R , SX8R-ECB4	Programmable Controllers



David Piecuch
 UL Mark Certification Program Manager

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Certificate of Compliance

Certificate Number:

UL-CA-L102542-410-01017102-3

Report Reference:

E102542-20171010

Issue Date:

2024-02-01

Issued to:

IDEC CORP

**6-64 NISHIMIYAHARA 2-CHOME YODOGAWA-KU, Osaka 532-0004
Japan**

This certificate confirms that representative samples of:

NRAQ7 - Programmable Controllers Certified for Canada

See Addendum Page for Product Designation(s).

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

**CSA C22.2 NO. 61010-1, 3rd Ed., Issue Date: 2012-05-11,
Revision Date: 2018-11-01, CSA C22.2 No. 61010-2-201:18, 2nd
Ed., Issue Date: 2018-02-01**

Additional Information:

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UL Mark Certification Program Manager



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Report reference E102542-20171010
Date 2024-02-01

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Model	Product Description
FC6A , FC6A-C16K1DE	Programmable Controllers
FC6A , FC6A-C16P1DE	Programmable Controllers
FC6A , FC6A-C16R1DE	Programmable Controllers
FC6A-D16K1CEE	Programmable Controllers
FC6 , FC6A-D16K4CEE	Programmable Controllers
FC6A-D16P1CEE	Programmable Controllers
FC6 , FC6A-D16P4CEE	Programmable Controllers
FC6A-D16R1CEE	Programmable Controllers
FC6 , FC6A-D16R4CEE	Programmable Controllers
FC6A-D32K3CEE	Programmable Controllers
FC6 , FC6A-D32K4CEE	Programmable Controllers
FC6A-D32P3CEE	Programmable Controllers
FC6 , FC6A-D32P4CEE	Programmable Controllers
FC6A-EXM1M	Programmable Controllers
FC6A-EXM1S	Programmable Controllers
FC6 , FC6A-EXM1S4	Programmable Controllers
FC6A-HPH1	Programmable Controllers
FC6A-PC4	Programmable Controllers
FC6A-PC99	Programmable Controllers
FC6A-PN4	Programmable Controllers
FC6A-PTK4	Programmable Controllers
FC6A-PTS4	Programmable Controllers
FC6A-SIF52	Programmable Controllers
FC6 , FC6A-SIF524	Programmable Controllers
FC6B-D16K1C	Programmable Controllers
FC6 , FC6B-D16K4C	Programmable Controllers
FC6B-D16P1C	Programmable Controllers
FC6 , FC6B-D16P4C	Programmable Controllers
FC6B-D16R1C	Programmable Controllers
FC6 , FC6B-D16R4C	Programmable Controllers
FC6B-D32K3C	Programmable Controllers
FC6 , FC6B-D32K4C	Programmable Controllers
FC6B-D32P3C	Programmable Controllers
FC6 , FC6B-D32P4C	Programmable Controllers
Input Modules FC6A-N1B1, -B4, -B3	Programmable Controllers
SX8R , SX8R-ECB1	Programmable Controllers



David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L102542-410-01017102-3
Report reference E102542-20171010
Date 2024-02-01

SX8R, SX8R-ECB4	Programmable Controllers
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Certificate of Compliance

Certificate Number:

UL-US-L211795-34535-02017102-1

Report Reference:

E211795-20171020

Issue Date:

2024-02-15

Issued to:

IDEC CORP

6-64 NISHIMIYAHARA 2-CHOME YODOGAWA-KU, Osaka 532-0004

Japan

This certificate confirms that representative samples of:

NRAG - Programmable Controllers for Use in Hazardous Locations

See Addendum Page for Product Designation(s).

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

UL 121201, 9th Ed., Issue Date: 2017-09-15, Revision Date: 2021-04-01

Additional Information:

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Model	Product Description
FC6A D32P3CEE	Programmable Controllers
FC6A-C16K1DE	Programmable Controllers
FC6A Series, FC6A-C16K4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-C16P1DE	Programmable Controllers
FC6A Series, FC6A-C16P4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-C16R1DE	Programmable Controllers
FC6A Series, FC6A-C16R4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-D16K1CEE	Programmable Controllers
FC6A-D16K4CEE	Programmable Controllers
FC6A-D16P1CEE	Programmable Controllers
FC6A-D16P4CEE	Programmable Controllers
FC6A-D16R1CEE	Programmable Controllers
FC6A-D16R4CEE	Programmable Controllers
FC6A-D32K3CEE	Programmable Controllers
FC6A-D32K4CEE	Programmable Controllers
FC6A-D32P4CEE	Programmable Controllers
FC6A-EXM1M	Programmable Controllers
FC6A-EXM1S	Programmable Controllers
FC6A-EXM1S4	Programmable Controllers
FC6A-HPH1	Programmable Controllers
FC6A Series, FC6A-N16B1	Programmable controllers, input modules
FC6A Series, FC6A-N16B3	Programmable controllers, input modules
FC6A Series, FC6A-N16B4	Programmable controllers, input modules
FC6A-PC4	Programmable Controllers
FC6A-PC99	Programmable Controllers
FC6A-PN4	Programmable Controllers
FC6A-PTK4	Programmable Controllers
FC6A-PTS4	Programmable Controllers
FC6A-SIF52	Programmable Controllers
FC6A-SIF524	Programmable Controllers
FC6B D32P3C	Programmable Controllers
FC6B-D16K1C	Programmable Controllers
FC6B-D16K4C	Programmable Controllers
FC6B-D16P1C	Programmable Controllers



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FC6B-D16P4C	Programmable Controllers
FC6B-D16R1C	Programmable Controllers
FC6B-D16R4C	Programmable Controllers
FC6B-D32K3C	Programmable Controllers
FC6B-D32K4C	Programmable Controllers
FC6B-D32P4C	Programmable Controllers
SX8R-ECB1	Programmable Controllers, Expansion Interface module
SX8R-ECB4	Programmable Controllers, Expansion Interface module



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Certificate of Compliance

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02017102-1

Report Reference:
E211795-20171020

Issue Date:
2024-02-15

Issued to:

IDEC CORP
6-64 NISHIMIYAHARA 2-CHOME YODOGAWA-KU, Osaka 532-0004
Japan

This certificate confirms that representative samples of:

NRAG7 - Programmable Controllers for Use in Hazardous Locations Certified for Canada

See Addendum Page for Product Designation(s).

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

CSA C22.2 NO. 213-17, 3rd Ed., Issue Date: 2017-09-15, Revision Date: 2021-04-01

Additional Information:

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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.

Model	Product Description
FC6A D32P3CEE	Programmable Controllers
FC6A-C16K1DE	Programmable Controllers
FC6A Series, FC6A-C16K4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-C16P1DE	Programmable Controllers
FC6A Series, FC6A-C16P4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-C16R1DE	Programmable Controllers
FC6A Series, FC6A-C16R4DE	Programmable Controllers, CPU Modules Brick Type
FC6A-D16K1CEE	Programmable Controllers
FC6A-D16K4CEE	Programmable Controllers
FC6A-D16P1CEE	Programmable Controllers
FC6A-D16P4CEE	Programmable Controllers
FC6A-D16R1CEE	Programmable Controllers
FC6A-D16R4CEE	Programmable Controllers
FC6A-D32K3CEE	Programmable Controllers
FC6A-D32K4CEE	Programmable Controllers
FC6A-D32P4CEE	Programmable Controllers
FC6A-EXM1M	Programmable Controllers
FC6A-EXM1S	Programmable Controllers
FC6A-EXM1S4	Programmable Controllers
FC6A-HPH1	Programmable Controllers
FC6A Series, FC6A-N16B1	Programmable controllers, input modules
FC6A Series, FC6A-N16B3	Programmable controllers, input modules
FC6A Series, FC6A-N16B4	Programmable controllers, input modules
FC6A-PC4	Programmable Controllers
FC6A-PC99	Programmable Controllers
FC6A-PN4	Programmable Controllers
FC6A-PTK4	Programmable Controllers
FC6A-PTS4	Programmable Controllers
FC6A-SIF52	Programmable Controllers
FC6A-SIF524	Programmable Controllers
FC6B D32P3C	Programmable Controllers
FC6B-D16K1C	Programmable Controllers
FC6B-D16K4C	Programmable Controllers



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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-L211795-34565-02017102-1
Report reference E211795-20171020
Date 2024-02-15

FC6B-D16P1C	Programmable Controllers
FC6B-D16P4C	Programmable Controllers
FC6B-D16R1C	Programmable Controllers
FC6B-D16R4C	Programmable Controllers
FC6B-D32K3C	Programmable Controllers
FC6B-D32K4C	Programmable Controllers
FC6B-D32P4C	Programmable Controllers
SX8R-ECB1	Programmable Controllers, Expansion Interface module
SX8R-ECB4	Programmable Controllers, Expansion Interface module



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