

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

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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



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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:

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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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

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 |



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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-CA-L211795-34565-
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:

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

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CERTIFICATE OF COMPLIANCE

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

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 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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UL Mark Certification Program Manager

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