



No.235DOC-0050

Doc No.	D1B149
	D2B170
	D5B017
	D6B001

EU Declaration of Conformity

Identification of the Product	Programmable Logic Controller
Name and address of Manufacturer IDEC CORPORATION 2-6-64 Nishimiyahara, Yodogawa-Ku, Osaka 532-0004 Japan	Name and address of the authorized representative : APEM SAS 55, Avenue Edouard Herriot BP1, 82303 Caussade Cedex, France

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration :

Series Name – MICROsmart, FC6A Series
Model No. – Details are as per attached sheet

The object of the declaration described above is in conformity with the relevant EU harmonization legislation :

2014/30/EU	Electromagnetic Compatibility Directive
2014/35/EU	Low Voltage Directive
2011/65/EU and (EU)2015/863	Restriction of the use of certain hazardous substances (RoHS) Directive
2014/53/EU	Radio Equipment Directive (FC6A-PC4 only)

Applied Union harmonized legislation and references to the relevant harmonization standards used or references the other technical specifications in relation to which conformity is declared.

EN 61131-2:2007
EN IEC 63000:2018
EN301 489-1 V.2.1.1 and EN301 489-17 V.2.1.1 (FC6A-PC4 only)

Where applicable, the notified body :

Additional Information :

Signed for and on behalf of the above named manufacturer :

Place and date of issue : Japan, 20 April, 2016
Japan, 18 November, 2021 (Revised)
Name, function : Masaki Tsuru, Executive Officer
Quality Assurance Center
Signature :

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FC6A Series

CPU Modules :

- FC6A-M16R1 : DC Power Supply, 8-DC Input, 8-Relay Output
- FC6A-M16R4 : DC Power Supply, 8-DC Input, 8-Relay Output
- FC6A-M16R1E : DC Power Supply, 8-DC Input, 8-Relay Output
- FC6A-M16R4E : DC Power Supply, 8-DC Input, 8-Relay Output
- FC6A-M16P1 : DC Power Supply, 8-DC Input, 8-Transistor Source Output
- FC6A-M16P4 : DC Power Supply, 8-DC Input, 8-Transistor Source Output
- FC6A-M16P1E : DC Power Supply, 8-DC Input, 8-Transistor Source Output
- FC6A-M16P4E : DC Power Supply, 8-DC Input, 8-Transistor Source Output
- FC6A-M32P3 : DC Power Supply, 16-DC Input, 16-Transistor Source Output
- FC6A-M32P3E : DC Power Supply, 16-DC Input, 16-Transistor Source Output

CPU Modules Brick Types :

- FC6A-C16R1A : AC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C16R1AE : AC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C24R1A : AC Power Supply, 14-DC Input, 10-Relay Output
- FC6A-C24R1AE : AC Power Supply, 14-DC Input, 10-Relay Output
- FC6A-C40R1A : AC Power Supply, 24-DC Input, 16-Relay Output
- FC6A-C40R1AE : AC Power Supply, 24-DC Input, 16-Relay Output
- FC6A-C16P1C : DC Power Supply, 9-DC Input, 7-Transistor Source Output
- FC6A-C16P1CE : DC Power Supply, 9-DC Input, 7-Transistor Source Output
- FC6A-C24P1C : DC Power Supply, 14-DC Input, 10-Transistor Source Output
- FC6A-C24P1CE : DC Power Supply, 14-DC Input, 10-Transistor Source Output
- FC6A-C40P1C : DC Power Supply, 24-DC Input, 16-Transistor Source Output
- FC6A-C40P1CE : DC Power Supply, 24-DC Input, 16-Transistor Source Output
- FC6A-C16K1C : DC Power Supply, 9-DC Input, 7-Transistor Sink Output
- FC6A-C16K1CE : DC Power Supply, 9-DC Input, 7-Transistor Sink Output
- FC6A-C24K1C : DC Power Supply, 14-DC Input, 10-Transistor Sink Output
- FC6A-C24K1CE : DC Power Supply, 14-DC Input, 10-Transistor Sink Output
- FC6A-C40K1C : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
- FC6A-C40K1CE : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
- FC6A-C16R1CE : DC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C24R1CE : DC Power Supply, 14-DC Input, 10-Relay Output
- FC6A-C40R1CE : DC Power Supply, 24-DC Input, 16-Relay Output
- FC6A-C40R1DE : DC Power Supply, 24-DC Input, 16-Relay output
- FC6A-C40P1DE : DC Power Supply, 24-DC Input, 16-Transistor Source Output
- FC6A-C40K1DE : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
- FC6A-C16R1DE : DC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C16P1DE : DC Power Supply, 9-DC Input, 7-Transistor Source Output
- FC6A-C16K1DE : DC Power Supply, 9-DC Input, 7-Transistor Sink Output
- FC6A-C16R4AE : AC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C16R4CE : DC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C16P4CE : DC Power Supply, 9-DC Input, 7-Transistor Source Output
- FC6A-C16K4CE : DC Power Supply, 9-DC Input, 7-Transistor Sink Output
- FC6A-C16R4DE : DC Power Supply, 9-DC Input, 7-Relay Output
- FC6A-C16P4DE : DC Power Supply, 9-DC Input, 7-Transistor Source Output
- FC6A-C16K4DE : DC Power Supply, 9-DC Input, 7-Transistor Sink Output

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FC6A-C24R4AE : AC Power Supply, 14-DC Input, 10-Relay Output
 FC6A-C24R4CE : DC Power Supply, 14-DC Input, 10-Relay Output
 FC6A-C24P4CE : DC Power Supply, 14-DC Input, 10-Transistor Source Output
 FC6A-C24K4CE : DC Power Supply, 14-DC Input, 10-Transistor Sink Output
 FC6A-C40R4AE : AC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40R4CE : DC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40P4CE : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40K4CE : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
 FC6A-C40R4DE : DC Power Supply, 24-DC Input, 16-Relay output
 FC6A-C40P4DE : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40K4DE : DC Power Supply, 24-DC Input, 16-Transistor Sink Output

CPU Modules Book Types:

FC6A-D16R1CEE : DC Power Supply, 8-DC Input, 8-Relay Output
 FC6A-D16P1CEE : DC Power Supply, 8-DC Input, 8-Transistor Source Output
 FC6A-D16K1CEE : DC Power Supply, 8-DC Input, 8-Transistor Sink Output
 FC6A-D32P3CEE : DC Power Supply, 16-DC Input, 16-Transistor Source Output
 FC6A-D32K3CEE : DC Power Supply, 16-DC Input, 16-Transistor Sink Output
 FC6A-D16K4CEE : DC Power Supply, 8-DC Input, 8-Relay Output
 FC6A-D16P4CEE : DC Power Supply, 8-DC Input, 8-Transistor Source Output
 FC6A-D16R4CEE : DC Power Supply, 8-DC Input, 8-Transistor Sink Output
 FC6A-D32K4CEE : DC Power Supply, 16-DC Input, 16-Transistor Source Output
 FC6A-D32P4CEE : DC Power Supply, 16-DC Input, 16-Transistor Sink Output

CPU Modules CAN bus Types:

FC6A-C40R1AEJ : AC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40R1CEJ : DC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40R1DEJ : DC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40P1CEJ : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40P1DEJ : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40K1CEJ : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
 FC6A-C40K1DEJ : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
 FC6A-C40R4AEJ : AC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40R4CEJ : DC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40R4DEJ : DC Power Supply, 24-DC Input, 16-Relay Output
 FC6A-C40P4CEJ : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40P4DEJ : DC Power Supply, 24-DC Input, 16-Transistor Source Output
 FC6A-C40K4CEJ : DC Power Supply, 24-DC Input, 16-Transistor Sink Output
 FC6A-C40K4DEJ : DC Power Supply, 24-DC Input, 16-Transistor Sink Output

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Input Modules :

FC6A-N08B1 : DC Power Supply (Internal), 8-DC Input
FC6A-N08B4 : DC Power Supply (Internal), 8-DC Input
FC6A-N16B1 : DC Power Supply (Internal), 16-DC Input
FC6A-N16B4 : DC Power Supply (Internal), 16-DC Input
FC6A-N16B3 : DC Power Supply (Internal), 16-DC Input
FC6A-N32B3 : DC Power Supply (Internal), 32-DC Input
FC6A-N08A11 : DC Power Supply (Internal), 8-AC Input
FC6A-N08A14 : DC Power Supply (Internal), 8-AC Input

Output Modules :

FC6A-R081 : DC Power Supply (Internal), 8-Relay Output
FC6A-R084 : DC Power Supply (Internal), 8-Relay Output
FC6A-R161 : DC Power Supply (Internal), 16-Relay Output
FC6A-R164 : DC Power Supply (Internal), 16-Relay Output
FC6A-T08P1 : DC Power Supply (Internal), 8-Transistor Source Output
FC6A-T08P4 : DC Power Supply (Internal), 8-Transistor Source Output
FC6A-T16P1 : DC Power Supply (Internal), 16-Transistor Source Output
FC6A-T16P4 : DC Power Supply (Internal), 16-Transistor Source Output
FC6A-T16P3 : DC Power Supply (Internal), 16-Transistor Source Output
FC6A-T32P3 : DC Power Supply (Internal), 32-Transistor Source Output
FC6A-T08K1 : DC Power Supply (Internal), 8-Transistor Sink Output
FC6A-T08K4 : DC Power Supply (Internal), 8-Transistor Sink Output
FC6A-T16K1 : DC Power Supply (Internal), 16-Transistor Sink Output
FC6A-T16K4 : DC Power Supply (Internal), 16-Transistor Sink Output
FC6A-T16K3 : DC Power Supply (Internal), 16-Transistor Sink Output
FC6A-T32K3 : DC Power Supply (Internal), 32-Transistor Sink Output

I/O Mixture Modules :

FC6A-M08BR1 : DC Power Supply (Internal), 4-DC Input, 4-Relay Output
FC6A-M08BR4 : DC Power Supply (Internal), 4-DC Input, 4-Relay Output
FC6A-M24BR1 : DC Power Supply (Internal), 16-DC Input, 8-Relay Output
FC6A-M24BR4 : DC Power Supply (Internal), 16-DC Input, 8-Relay Output
FC6A-TYS4 : DC Power Supply (Internal), 12-DC Input, 8-Transistor Source Output

Communication Module :

FC6A-SIF52 : Communication Module
FC6A-SIF524 : Communication Module

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Analog Modules :

- FC6A-J2C1 : 2-Analog Input
- FC6A-J2C4 : 2-Analog Input
- FC6A-J4A1 : 4-Analog Input
- FC6A-J4A4 : 4-Analog Input
- FC6A-J8A1 : 8-Analog Input
- FC6A-J8A4 : 8-Analog Input
- FC6A-K2A1 : 2-Analog Output
- FC6A-K2A4 : 2-Analog Output
- FC6A-K4A1 : 4-Analog Output
- FC6A-K4A4 : 4-Analog Output
- FC6A-L06A1 : 4-Analog Input, 2-Analog Output
- FC6A-L06A4 : 4-Analog Input, 2-Analog Output
- FC6A-L03CN1 : 2-Analog Input, 1-Analog Output
- FC6A-L03CN4 : 2-Analog Input, 1-Analog Output
- FC6A-J4CN1 : 4-Analog Input
- FC6A-J4CN4 : 4-Analog Input
- FC6A-J8CU1 : 8-Analog Input
- FC6A-J8CU4 : 8-Analog Input
- FC6A-F2MR1 : 2-Analog Input, 2-Relay Output
- FC6A-F2MR4 : 2-Analog Input, 2-Relay Output
- FC6A-F2M1 : 2-Analog Input, 2-Analog Output or 2-Transistor Output
- FC6A-F2M4 : 2-Analog Input, 2-Analog Output or 2-Transistor Output

Option Modules :

- FC6A-PJ2A : 2-Analog Input
- FC6A-PK2AV : 2-Analog Output
- FC6A-PK2AW : 2-Analog Output
- FC6A-PJ2CP : 2-Analog Input
- FC6A-PC1 : 2-Serial Communications (RS232C/RS485)
- FC6A-PC2 : 2-Serial Communications (RS232C/RS485)
- FC6A-PC3 : 2-Serial Communications (RS485)

- FC6A-PC4 : Bluetooth Communication
- FC6A-PTS4 : DC Power Supply (Internal), 4-Transistor Source Output
- FC6A-PTK4 : DC Power Supply (Internal), 4-Transistor Sink Output
- FC6A-PN4 : DC Power Supply (Internal), 4-DC Input
- FC6A-PC99 : 1-Serial Communications (RS485)

Expansion Interface Module :

- FC6A-EXM2 : DC Power Supply
- FC6A-EXM24 : DC Power Supply
- FC6A-EXM1M : DC Power Supply (internal)
- FC6A-EXM1S : DC Power Supply
- FC6A-EXM1S4 : DC Power Supply

HMI Module:

- FC6A-PH1 : DC Power Supply (internal)

Cartridge Base Module:

- FC6A-HPH1 : Cartridge Base Module