



No.235DOC-0050-U

Doc No.	D1B149U
	D2B170U
	D5B017U
	D6B001U

UK 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 COMPONENTS LIMITED.
Drakes Drive, Long Crendon, Buckinghamshire,
HP18 9BA, UK

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 UK legislation :

Electrical Equipment (Safety) Regulations 2016
Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and
Electronic Equipment Regulations 2012
Radio Equipment Regulations 2017 (FC6A-PC4 only)

The products conform with the following standards.

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, 1 October, 2021
Name, function : Masaki Tsuru, Executive Officer,
Quality Assurance Center
Signature :

Doc No.	D1B149U
	D2B170U
	D5B017U
	D6B001U

1 October, 2021

Page 1 of 4

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

Doc No.	D1B149U
	D2B170U
	D5B017U
	D6B001U

1 October, 2021

Page 2 of 4

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

Doc No.	D1B149U
	D2B170U
	D5B017U
	D6B001U

1 October, 2021

Page 3 of 4

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

Doc No.	D1B149U
	D2B170U
	D5B017U
	D6B001U

1 October, 2021

Page 4 of 4

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
-----------	-------------------------