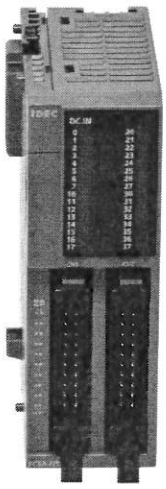
MicroSmart FC6A PLC
Digital I/O Specifications



KEY FEATURES

- 16 modules to choose from
- Screw or MIL type terminal block
- 8/16/32 points I/O module

SPECIFICATIONS

Input Module Specifications

Part Number		FC6A-N08B1	FC6A-N16B1	FC6A-N16B3	FC6A-N32B3	FC6A-N08A11
Input Points		8 (8/1 common)	16 (16/1 common)		32 (16/1 common)	8 (4/1 common)
Rated Input Voltage		24V DC sink/source input signal				100 to 120V AC
t Voltage Range		0 to 28.8V DC				0 to 132V AC (50/60 Hz)
ed Input Current		7 mA/point (24V DC)		5 mA/point (24V DC)		17 mA/point (120V AC, 60 Hz)
Input Impedance		3.4 kΩ		4.4 kΩ		0.8 kΩ (60 Hz)
OFF Voltage		5V maximum				20V maximum
ON Voltage		15V minimum				79V minimum
OFF Current		1.2 mA maximum		0.9 mA maximum		—
ON Current		4.2 mA minimum (at 15V DC)		3.2 mA minimum (at 15V DC)		
Input Delay Time (24V DC)		Turn ON: 4.1ms, Turn OFF: 4.1ms				Turn ON: 25ms, Turn OFF: 30ms
Isolation		Between input terminals: Not isolated Internal circuit: Photocoupler-isolated				Between input terminals in the same common: Not isolated Between input terminals in different commons: Isolated Between input terminals and internal circuits: Photocoupler-isolated
External Load for I/O Interconnection		Not needed				
Signal Determination Method		Static				
Effect of Improper Input Connection		Both sink and source input signals can be connected. If any input exceeding the rated value is applied, permanent damage may be caused.				If any input exceeding the rated value is applied, permanent damage may be caused.
Cable Length		3m in compliance with electromagnetic immunity				—
Connector Insertion/ Removal Durability		100 times minimum				
Applicable Ferrule		1-wire: AI 0.5-8 WH (Phoenix Contact) 2-wire: AI-TWIN 2×0.5-10 (Phoenix Contact)		—		
Internal Current Draw	All Inputs ON	30mA (5V DC) 0mA (24V DC)	40mA (5V DC) 0mA (24V DC)	40mA (5V DC) 0mA (24V DC)	65mA (5V DC) 0mA (24V DC)	40mA (5V DC) 0mA (24V DC)
	All Inputs OFF	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)
Internal Power Consumption (at 24V DC while all inputs ON)		0.20W	0.27W	0.27W	0.44W	0.27W
Weight (approx.)		110g	105g	75g	110g	110g

Relay Output Module Specifications

Part Number		FC6A-R081	FC6A-R161
Output Points		8 (4/1 common)	16 (8/1 common)
Output Type		1NO	
Maximum Load Current		2A per point	
		7A per common	8A per common
Minimum Switching Load		1 mA/ 5V DC (reference value)	
Initial Contact Resistance		30 mΩ maximum	
Electrical Life		100,000 operations minimum (rated load 1,800 operations/hour)	
Mechanical Life		20,000,000 operations minimum (no load 18,000 operations/hour)	
Rated Load		Resistive load: 240V AC 2A, 30V DC 2A Inductive load: 240V AC 2A (cos ø = 0.4) 30V DC 2A (L/R =7 ms)	
Dielectric Strength		Between output and ground terminals: 1,500V AC, 1 minute Between output terminal and internal circuit: 1,500V AC, 1 minute Between output terminals (COMs): 1,500V AC, 1 minute	
Connector Insertion/ Removal Durability		100 times minimum	
Applicable Ferrule		1-wire: AI 0.5-10 (Phoenix Contact) 2-wire: AI-TWIN 2×0.5-10 (Phoenix Contact)	
Internal Current Draw	All outputs ON	35mA (5V DC) 50mA (24V DC)	50mA (5V DC) 100mA (24V DC)
	All outputs OFF	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)
Internal Power Consumption (at 24V DC while all outputs ON)		1.44W	2.74W
Weight (approx.)		130g	140g

Transistor Output Module Specifications

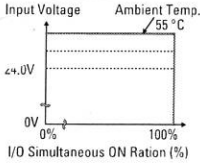
Part Number		FC6A-T08K1 FC6A-T08P1	FC6A-T16K1 FC6A-T16P1	FC6A-T16K3 FC6A-T16P3	FC6A-T32K3 FC6A-T32P3
Output Points		8 (8/1 common)	16 (16/1 common)		32 (16/1 common)
Output Type		FC6A-T□K□: Transistor sink output FC6A-T□P□: Transistor source output			
Rated Load Voltage		24V DC			
Operating Load Voltage Range		19.2 to 28.8V DC			
Maximum Load Current		0.5A per point 3A per common		0.1A per point 1A per common	
Voltage Drop (ON Voltage)		1V maximum (voltage between COM and output terminals when output is on)			
Inrush Current		1A maximum			
Leakage Current		0.1mA maximum			
Clamping Voltage		Approx. 50V			
Maximum Lamp Load		12W			2.4W
Inductive Load		L/R = 10ms (28.8V DC 1Hz)			
External Current Draw		FC6A-T□K□: 100 mA maximum, 24V DC (power voltage at the +V terminal) FC6A-T□P□: 100 mA maximum, 24V DC (power voltage at the -V terminal)			
Overcurrent Protection		Transistor Sink Output: No Transistor Source Output: Yes			
Isolation		Between output terminal and internal circuit: Photocoupler-isolated Between output terminals: Not isolated			
Connector Insertion/ Removal Durability		100 times minimum			
Applicable Ferrule		1-wire: AI 0.5-10 (Phoenix Contact) 2-wire: AI-TWIN 2×0.5-10 (Phoenix Contact)			
Internal Current Draw	All outputs ON	25mA (5V DC) 15mA (24V DC)	30mA (5V DC) 25mA (24V DC)		45mA (5V DC) 50mA (24V DC)
	All outputs OFF	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)	17mA (5V DC) 0mA (24V DC)
Internal Power Consumption (at 24V DC while all outputs ON)		0.53W	0.80W		1.50W
Output Delay	Turn ON Time	400 µs maximum			
	Turn OFF Time	450 µs maximum			
Weight (approx)		110g	105g	75g	115g

Mixed I/O Module Specifications

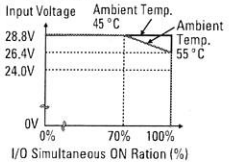
Part Number		FC6A-M08BR1	FC6A-M24BR1
Input Specification	Input Points	4 (4/1 common)	16 (16/1 common)
	Rated Input Voltage	24V DC sink/source input signal	
	Input Voltage Range	0 to 28.8V DC	
	Rated Input Current	7 mA/point (24V DC)	
	Input Impedance	3.4 kΩ	
	OFF Voltage	5V maximum	
	ON Voltage	15V minimum	
	OFF Current	1.2 mA maximum	
	ON Current	4.2 mA minimum (at 15V DC)	
	Input Delay Time (24V DC)	Turn ON Time: 4.1ms, Turn OFF Time: 4.1ms	
	Isolation	Between input terminals: Not isolated Internal circuit: Photocoupler-isolated	
	External Load for I/O Interconnection	Not needed	
	Signal Determination Method	Static	
	Effect of Improper Input Connection	Both sinking and sourcing input signals can be connected. If any input exceeding the rated value is applied, permanent damage may be caused.	
	Cable Length	3m in compliance with electromagnetic immunity	
Output Specifications	Output Points	4 (4/1 common)	8 (4/1 common)
	Output Type	1NO	
	Maximum Load Current	2A per point 7A per common	
	Minimum Switching Load	1 mA/ 5V DC (reference value)	
	Initial Contact Resistance	30 mΩ maximum	
	Electrical Life	100,000 operations minimum (rated load 1,800 operations/hour)	
	Mechanical Life	20,000,000 operations minimum (no load 18,000 operations/hour)	
	Rated Load	Resistive load: 240V AC 2A, 30V DC 2A Inductive load: 240V AC 2A (cos ø = 0.4), 30V DC 2A (L/R =7 ms)	
	Dielectric Strength	Between output and PE terminals: 1,500V AC, 1 minute Between output terminal and internal circuit: 1,500V AC, 1 minute Between output terminals (COMs): 1,500V AC, 1 minute	
	Connector Insertion/Removal Durability	100 times minimum	
	Applicable Ferrule	1-wire: AI 0.5-10 (Phoenix Contact), 2-wire: AI-TWIN 2×0.5-10 (Phoenix Contact)	
	Internal Current Draw All I/Os ON	30mA (5V DC), 25mA (24V DC)	55mA (5V DC), 25mA (24V DC)
	Internal Current Draw All I/Os OFF	17mA (5V DC), 0mA (24V DC)	17mA (5V DC), 0mA (24V DC)
	Internal Power Consumption (at 24V DC while all I/Os are ON)	0.80W	0.97W
	Weight (approx.)	120g	165g

Temperature derating curves: Input voltage vs. I/O Simultaneous ON Ratio (%)

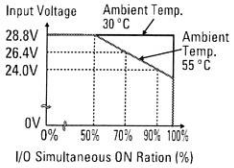
FC6A-N08B1



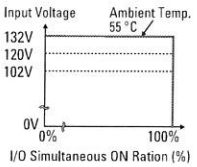
FC6A-N16B1



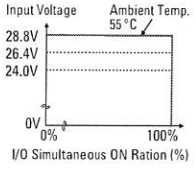
FC6A-N16B3/FC6A-N32B3



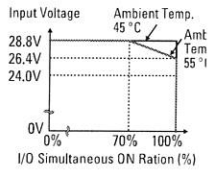
FC6A-N08A11



FC6A-M08BR1

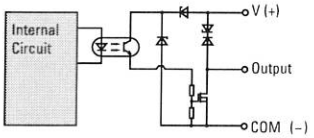


FC6A-M24BR1

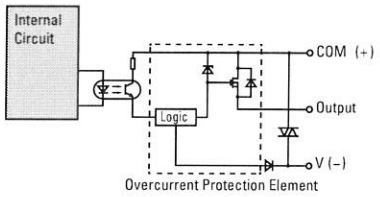


Output Internal Circuit

FC6A-T08K1/FC6A-T16K1
FC6A-T16K3/FC6A-T32K3

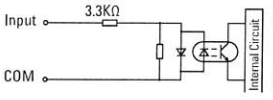


FC6A-T08P1/FC6A-T16P1
FC6A-T16P3/FC6A-T32P3

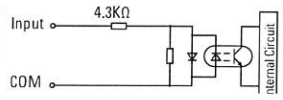


Input Internal Circuit

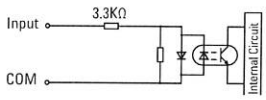
FC6A-N08B1/FC6A-N16B1



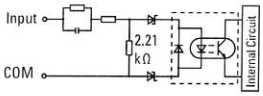
FC6A-N16B3/FC6A-N32B3



FC6A-M08BR1/FC6A-M24BR1

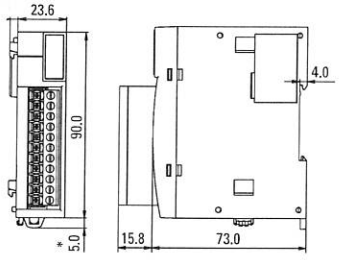


FC6A-N08A11

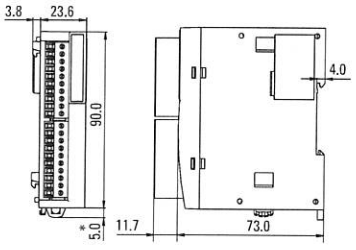


DIMENSIONS (all dimensions are in mm)

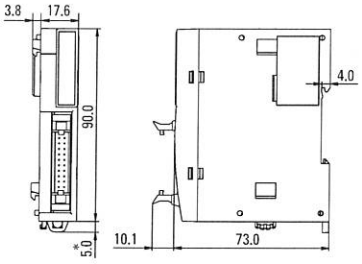
FC6A-N08B1/FC6A-N08A11/FC6A-R081
FC6A-T08K1/FC6A-T08P1/FC6A-M08BR1
FC6A-J2C1/FC6A-K4A1/FC6A-L03CN1



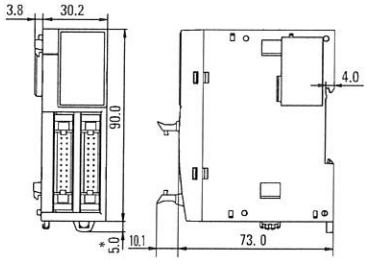
FC6A-N16B1/FC6A-R161
FC6A-T16K1/FC6A-T16P1
FC6A-J4A1/FC6A-J8A1
FC6A-J4CN1/FC6A-J8CU1
FC6A-L06A1



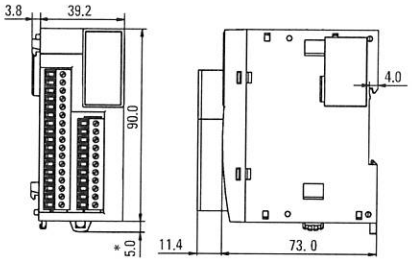
FC6A-N16B3/FC6A-T16K3
FC6A-T16P3



FC6A-N32B3/FC6A-T32K3
FC6A-T32P3



FC6A-M24BR1/FC6A-F2M1
FC6A-F2MR1



* 9.3 mm when the clamp is pulled out.

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1603091339

Supplier's declaration of conformity

Australian Government | acma Australian Communications and Media Authority

As required by the following Notices:

- *Radiocommunications (Compliance Labelling - Devices) Notice 2014* made under section 182 of the *Radiocommunications Act 1992*;
- *Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008* made under section 182 of the *Radiocommunications Act 1992*
- *Radiocommunications (Compliance Labelling – Electromagnetic Radiation) Notice 2014* made under section 182 of the *Radiocommunications Act 1992* and
- *Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2015* made under section 407 of the *Telecommunications Act 1997*.

Instructions for completion

- ***Do not return this form to the ACMA***. This completed form must be retained by the supplier as part of the documentation required for the compliance records and must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name (OR INDIVIDUAL)

IDEC AUSTRALIA PTY. LTD.

TRADING AS IDEC Australia Pty Ltd

Street Address (AUSTRALIAN)

17/104 Ferntree Gully Road Oakleigh, Victoria

POSTCODE 3166

Phone: 03-8523-5900

ACMA supplier code number
(issued by the ACMA prior to 1 March 2013)

OR

ACN/ARBN

072 248 321

Product details and date of manufacture

Product description – brand name, type, current model, lot, batch or serial number (if available), software/firmware version (if applicable)

Programable Logic Controller
FC6A series CPU Modules: FC6A-M16R1, FC6A-M16R4, FC6A-M16R1E, FC6A-M16R4E, FC6A-M16P1, FC6A-M16P4, FC6A-M16P1E, FC6A-M16P4E, FC6A-M32P3, FC6A-M32P3E
FC6A series CPU Modules Brick Types: FC6A-C16R1CE, FC6A-C24R1CE, FC6A-C40R1CE, FC6A-C40R1DE, FC6A-C40P1DE, FC6A-C40K1DE, FC6A-C16K1C, FC6A-C16K1CE, FC6A-C24K1C, FC6A-C24K1CE, FC6A-C40K1C, FC6A-C40K1CE, FC6A-C16R1A, FC6A-C16R1AE, FC6A-C24R1A, FC6A-C24R1AE, FC6A-C40R1A, FC6A-C40R1AE, FC6A-C16P1C, FC6A-C16P1CE, FC6A-C24P1C, FC6A-C24P1CE, FC6A-C40P1C, FC6A-C40P1CE
FC6A series CPU Modules CAN bus Types: FC6A-C40R1AEJ, FC6A-C40R1CEJ, FC6A-C40R1DEJ, FC6A-C40P1CEJ, FC6A-C40P1DEJ, FC6A-C40K1CEJ, FC6A-C40K1DEJ
FC6A series Analog Modules: FC6A-K2A1, FC6A-J2C1, FC6A-K4A1, FC6A-J4A1, FC6A-L06A1, FC6A-L03CN1, FC6A-J4CN1, FC6A-J8CU1, FC6A-J8A1, FC6A-F2M1, FC6A-F2MR1, FC6A-K2A4, FC6A-J2C4, FC6A-K4A4, FC6A-J4A4, FC6A-L06A4, FC6A-L03CN4, FC6A-J4CN4, FC6A-J8CU4, FC6A-J8A4, FC6A-F2M4, FC6A-F2MR4
FC6A series Input Modules: FC6A-N08B1, FC6A-N08B4, FC6A-N16B1, FC6A-N16B4, FC6A-N16B3, FC6A-N32B3, FC6A-N08A11, FC6A-N08A14
FC6A series Output Modules: FC6A-R081, FC6A-R084, FC6A-R161, FC6A-R164, FC6A-T08P1, FC6A-T08P4, FC6A-T16P1, FC6A-T16P4, FC6A-T16P3, FC6A-T32P3, FC6A-T08K1, FC6A-T08K4, FC6A-T16K1, FC6A-T16K4, FC6A-T16K3, FC6A-T32K3

FC6A series I/O Mixture Modules: FC6A-M08BR1, FC6A-M08BR4, FC6A-M24BR1, FC6A-M24BR4, FC6A-TYS4
FC6A series HMI module: FC6A-PH1
FC6A series Expansion Interface module: FC6A-EXM2
FC6A series Option Modules: FC6A-PC1, FC6A-PC2, FC6A-PC3, FC6A-PJ2A, FC6A-PK2AV, FC6A-PK2AW, FC6A-PJ2CP
FC6B series CPU Modules Brick Low-end Types : FC6B-C16R1A, FC6B-C16R1C, FC6B-C16P1C, FC6B-C16K1C, FC6B-C24R1A, FC6B-C24R1C, FC6B-C24P1C, FC6B-C24K1C, FC6B-C40R1A, FC6B-C40R1C, FC6B-C40P1C, FC6B-C40K1C
Date of manufacture or importation of the original/modified item

Compliance – applicable standards and other supporting documents

Evidence of compliance with applicable standards may be demonstrated by test reports, endorsed/accredited test reports, certification/competent body statements.

Having had regard to these documents, I am satisfied the above mentioned product complies with the requirements of the relevant ACMA Standards made under the *Radiocommunications Act 1992* and the *Telecommunications Act 1997*.

List the details of the documents the above statement was made, including the standard title, number and, if applicable, number of the test report/endorsed test report or certification/competent body statement

AS/NZS 61000.6.4:2012

Declaration

I hereby declare that:

1. I am authorised to make this declaration on behalf of the Company mentioned above,
2. the contents of this form are true and correct, and
3. the product mentioned above complies with the applicable above mentioned standards and all products supplied under this declaration will be identical to the product identified above.

Note: Under section 137.1 of the *Criminal Code Act 1995*, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.
Penalty: 12 months imprisonment

SIGNATURE OF SUPPLIER OR AGENT	POSITION IN ORGANISATION General Manager
PRINT NAME Hidemichi Takenaka	DATE 17-Dec-2015

The *Privacy Act 1988* (Cth) (the Privacy Act) imposes obligations on the ACMA in relation to the collection, security, quality, access, use and disclosure of personal information. These obligations are detailed in the Australian Privacy Principles.

The ACMA may only collect personal information if it is reasonably necessary for, or directly related to, one or more of the ACMA's functions or activities.

The purpose of collecting the personal information in this form is to ensure the supplier is identified in the 'Declaration of conformity'. If this Declaration of Conformity is not completed and the requested information is not provided, a compliance label cannot be applied.

Further information on the Privacy Act and the ACMA's Privacy Policy is available at www.acma.gov.au/privacypolicy. The Privacy Policy contains details about how you may access personal information about you that is held by the ACMA, and seek the correction of such information. It also explains how you may complain about a breach of the Privacy Act and how we will deal with such a complaint.

Should you have any questions in this regard, please contact the ACMA's privacy contact officer on telephone on 1800 226 667 or by email at privacy@acma.gov.au.

ONLINE CERTIFICATIONS DIRECTORY

NRAQ.E102542
Programmable Controllers

Page Bottom

Programmable Controllers

See General Information for Programmable Controllers

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YODOGAWA-KU, OSAKA 532-0004 JAPAN

Trademark and/or Tradename: , idec, iDCC, IZUMI, idec, IDEC, IDEC, IDEC

Investigated to ANSI/UL 508

2-ch controller modules, open type Model(s) FC5A-F2M2, FC5A-F2MR2

Accessories, battery cards Model(s) FL1E-PM4

Accessories, combined memory/battery cards Model(s) FL1E-PB1

Accessory, memory cards Model(s) FL1E-PG1

Analog output units Model(s) FC4A-K4A1

CC teach pendants Model(s) HG2R-S, HG2S-S, or HG2V-D, followed by S or B, followed by 32 or 62, followed by BH, YH or ZH, followed by A, S or MK, followed by additional numbers and/or letters.

Compact mobile pendants Model(s) HG1H-S, followed by A or B, followed by 11 or 12, followed by B, C or J, followed by EH or H, may be followed by four suffix letters and/or numbers, may be followed by -S1 or -A1 through -S20 or -A20.

HG1T-S, followed by A, B, G or H, followed by 12 or 32, followed by BH, JH, CH, UH, WH, may be followed by -MK, may be followed by four suffix letters and/or numbers, may be followed by L1 or A1 through L20 or A20.

FC3A Series AC Input modules Model(s) FC3A-N08A11, FC3A-N08A13

FC3A Series analog input 6-channel modules Model(s) FC3A-AD1261

FC3A Series analog output 2-channel modules Model(s) FC3A-DA1221

FC3A Series direct current input modules Model(s) FC3A-N16B1, FC3A-N16B3, FC3A-N16B6, FC3A-N32B4, FC3A-N32B5, FC3A-N32B6

FC3A Series expansion modules Model(s) FC3A-EA1

FC3A Series network interface modules Model(s) FC3A-SX5DS1, FC3A-SX5LS1, FC3A-SX5SS1

FC3A Series power supply input central processing unit modules Model(s) FC3A-CP1K, FC3A-CP1KM, FC3A-CP1S, FC3A-CP1SM, FC3A-CP2K, FC3A-CP2KM, FC3A-CP2S, FC3A-CP2SM

FC3A Series relay output modules Model(s) FC3A -R162, FC3A-R161

FC3A Series remote I/O master modules Model(s) FC3A-SX5SM1

FC3A Series transistor sink output modules Model(s) FC3A-T16K1, FC3A-T16K3, FC3A-T16K6, FC3A-T32K4, FC3A-T32K5, FC3A-T32K6

FC6A Series CPU modules Model(s) FC6A-M16P1, FC6A-M16P1E, FC6A-M16P4E, FC6A-M16R1, FC6A-M16R1E, FC6A-M16R4, FC6A-M16R4E, FC6A-M32P3, FC6A-M32P3E

FC6A Series I/O mixture moduels Model(s) FC6A-M24BR1, FC6A-M24BR4

FC6A Series I/O mixture modules Model(s) FC6A-M08BR4, FC6A-TYS4

FC6A Series I/O mixture modules Model(s) FC6A-M08BR1

FC6A Series input modules Model(s) FC6A-N08A11, FC6A-N08A14, FC6A-N08B1, FC6A-N08B4, FC6A-N16B1, FC6A-N16B3, FC6A-N16B4, FC6A-N32B3

FC6A Series output modules Model(s) FC6A-R081, FC6A-R084, FC6A-R161, FC6A-R164, FC6A-T08K1, FC6A-T08K4, FC6A-T08P1, FC6A-T08P4, FC6A-T16K1, FC6A-T16K3, FC6A-T16K4, FC6A-T16P1, FC6A-T16P3, FC6A-T16P4, FC6A-T32K3, FC6A-T32P3

FC6A Sieres CPU modules Model(s) FC6A-M16P4

Open type, Programmable controllers, "FC6A Series Analaog Modules" Model(s) FC6A-J2C1, -J2C4, -J4A1, -J4A4, -J8A1, -J8A4, -K2A1, -K2A4, -K4A1, -K4A4, -L06A1, -L06A4, -L03CN1, -L03CN4, -J4CN1, -J4CN4, -J8CU1, -J8CU4, -F2MR1, -F2MR4, -F2M1, -F2M4

Open type, Programmable controllers, "FC6A Series CPU Modules" Model(s) FC6A-C16K1C, -C16K1CE,-C24K1C,-C24K1CE,-C40K1C, and -C40K1CE.

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

Open type, Programmable controllers, "FC6A Series CPU Modules Brick CAN bus types" Model(s) FC6A-C40R1AEJ, -C40R1CEJ, -C40R1DEJ, -C40P1CEJ, -C40P1DEJ, -C40K1CEJ, -C40K1DEJ.

Open type, Programmable controllers, "FC6A Series Option Modules" Model(s) FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2, -PC3, -PC4

Open type, Programmable controllers, "FC6B Series CPU Modules Brick Low-end Types" Model(s) FC6B-C16K1C, -C24K1C, -C40K1C, FC6B-C16P1C, FC6B-C16R1A, FC6B-C16R1C, FC6B-C24P1C, FC6B-C24R1A, FC6B-C24R1C, FC6B-C40P1C, FC6B-C40R1A, FC6B-C40R1C

Open type, Programmable controllers, "HMI Module" Model(s) FC6A-PH1

Open type, Programmable controllers Model(s) FL1F-B12RCA, FL1F-B12RCC, FL1F-B12RCE, FL1F-H12RCC, FL1F-H12RCE, FL1F-J2BR2, FL1F-K2BM2, FL1F-M08B1S, FL1F-M08B1S2, FL1F-M08B2R2, FL1F-RD1

Open type, Programmable controllers Model(s) FL1F-H12RCA, FL1F-J2B2, FL1F-M08C2R2, FL1F-M08D2R2

Programmable controllers, "AS-1 Gateway Series" Model(s) SX5A-GM1N

Programmable controllers Model(s) FL1B-CL1C12, FT1A-C12RA-B, FT1A-C12RA-S, FT1A-C12RA-W, FT1A-C14KA-B, FT1A-C14KA-S, FT1A-C14KA-W, FT1A-C14SA-B, FT1A-C14SA-S, FT1A-C14SA-W, FT1A-M12RA-B, FT1A-M12RA-S, FT1A-M12RA-W, FT1A-M14KA-B, FT1A-M14KA-S, FT1A-M14KA-W, FT1A-M14SA-B, FT1A-M14SA-S, FT1A-M14SA-W

HG1U-S, followed by A or B, followed by 11 or 12, followed by BH, CH, or JH, UH or WH, followed by MK, may be followed by four suffix letters and/or numbers, may be followed by -S1 or A1 through -S20 or -A20.

Programmable controllers , "AS-1 Gateway Series" Model(s) SX5A-GD1N

Programmable controllers, CPU modules, "FT1A Series" Model(s) FT1A-B12RA, FT1A-B12RC, FT1A-B24RA, FT1A-B24RC, FT1A-B40RC, FT1A-B40RKA, FT1A-B40RSA, FT1A-B48KA, FT1A-B48KC, FT1A-B48SA, FT1A-B48SC

Programmable Controllers, CPU modules, "FT1A Series" Model(s) FT1A-C14KA, FT1A-C14SA

Programmable controllers, CPU modules, "FT1A Series" Model(s) FT1A-H12RA, FT1A-H12RC, FT1A-H24RA, FT1A-H24RC, FT1A-H40RC, FT1A-H40RKA, FT1A-H40RSA, FT1A-H48KA, FT1A-H48KC, FT1A-H48SA, FT1A-H48SC

Programmable Controllers, CPU modules, "FT1A Series" Model(s) FT1A-M14KA, FT1A-M14SA

Programmable controllers, CPU units Model(s) FC5A-D12K1E, may be followed by DS0838, FC5A-D12S1E, may be followed by DS0838

Programmable controllers, open type Model(s) FL1A-B10RCA, FL1A-B10RCB, FL1A-B12RCE, FL1A-H10RCA, FL1A-H10RCB, FL1A-H12RCE, FL1A-H12SND, FL1B-B12RCA, FL1B-B12RCC, FL1B-B12RCE, FL1B-H12RCA, FL1B-H12RCC, FL1B-H12RCE, FL1B-H12SND, FL1B-J2B2, FL1B-M08B1S2, FL1B-M08B2R2, FL1B-M08C2R2, FL1B-M08D2R2, FL1D-B12RCA, FL1D-B12RCC, FL1D-B12RCE, FL1D-H12RCA, FL1D-H12RCC, FL1D-H12RCE, FL1D-H12SND, FL1D-K2B2, FL1D-K2BM2, FL1E-B12RCA, FL1E-B12RCA, FL1E-B12RCE, FL1E-H12RCA, FL1E-H12RCC, FL1E-H12RCE, FL1E-H12SND, FL1E-RD1, SX5D-SBM16K, SX5D-SBM16P, SX5D-SBM16S, SX5D-SBN16K, SX5D-SBN16P, SX5D-SBN16S, SX5D-SBR08, SX5D-SBT16K, SX5D-SBT16P, SX5D-SBT16S, SX5L-SBM16K, SX5L-SBM16P, SX5L-SBM16S, SX5L-SBN16K, SX5L-SBN16P, SX5L-SBN16S, SX5L-SBR08, SX5L-SBT16K, SX5L-SBT16P, SX5L-SBT16S, SX5S-SBM16K, SX5S-SBM16P, SX5S-SBM16S, SX5S-SBN16K, SX5S-SBN16P, SX5S-SBN16S, SX5S-SBR08, SX5S-SBT16K, SX5S-SBT16P, SX5S-SBT16S

Programmable display operator interfaces, 10.4 inch type, "HG3G Series" Model(s) HG3G-AJT22MF-B, HG3G-AJT22MF-W, HG3G-AJT22TF-B, HG3G-AJT22TF-W

Programmable display operator interfaces, 12.1 inch type, "HG4G Series" Model(s) HG4G-CJT22MF-B, HG4G-CJT22TF-B

Programmable display operator interfaces, 5.7 inch type, "HG2G Series" Model(s) HG2G-5FT22TF-B, HG2G-5FT22TF-S, HG2G-5FT22TF-W, HG2G-5ST22TF-B, HG2G-5ST22TF-S, HG2G-5ST22TF-W, HG2G-5ST22VF-B, HG2G-5ST22VF-S, HG2G-5ST22VF-W

Programmable display operator interfaces, 8.4 inch type, "HG3G Series" Model(s) HG3G-8JT22MF-B, HG3G-8JT22MF-W, HG3G-8JT22TF-B,

HG3G-8JT22TF-W

Safety controllers, open type Model(s) FS1A*

* - May be followed by any letter(s) and/or number(s).

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IDEC CORP E102542
6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KU, OSAKA 532-0004 JAPAN

Investigated to CAN/CSA C22.2 No. 142

2-ch controller modules, open type Model(s) FC5A-F2M2, FC5A-F2MR2

Accessories, battery cards Model(s) FL1E-PM4

Accessories, combined memory/battery cards Model(s) FL1E-PB1

Accessory, memory cards Model(s) FL1E-PG1

Analog output units Model(s) FC4A-K4A1

CC teach pendants Model(s) HG2R-S, HG2S-S, or HG2V-D, followed by S or B, followed by 32 or 62, followed by BH, YH or ZH, followed by A, S or MK, followed by additional numbers and/or letters.

Compact mobile pendants Model(s) HG1H-S, followed by A or B, followed by 11 or 12, followed by B, C or J, followed by EH or H, may be followed by four suffix letters and/or numbers, may be followed by -S1 or -A1 through -S20 or -A20.

HG1T-S, followed by A, B, G or H, followed by 12 or 32, followed by BH, JH, CH, UH, WH, may be followed by -MK, may be followed by four suffix letters and/or numbers, may be followed by L1 or A1 through L20 or A20.

FC3A Series AC input modules Model(s) FC3A-N08A11, FC3A-N08A13

FC3A Series analog input 6-channel modules Model(s) FC3A-AD1261

FC3A Series analog output 2-channel modules Model(s) FC3A-DA1221

FC3A Series direct current input modules Model(s) FC3A-N16B1, FC3A-N16B3, FC3A-N16B6, FC3A-N32B4, FC3A-N32B5, FC3A-N32B6

FC3A Series expansion modules Model(s) FC3A-EA1

FC3A Series network interface modules Model(s) FC3A-SX5DS1, FC3A-SX5LS1, FC3A-SX5SS1

FC3A Series power supply input central processing unit modules Model(s) FC3A-CP1K, FC3A-CP1KM, FC3A-CP1S, FC3A-CP1SM, FC3A-CP2K, FC3A-CP2KM, FC3A-CP2S, FC3A-CP2SM

FC3A Series relay output modules Model(s) FC3A -R162, FC3A-R161

FC3A Series remote I/O master modules Model(s) FC3A-SX5SM1

FC3A Series transistor sink output modules Model(s) FC3A-T16K1, FC3A-T16K3, FC3A-T16K6, FC3A-T32K4, FC3A-T32K5, FC3A-T32K6

FC6A Series CPU modules Model(s) FC6A-M16P1, FC6A-M16P1E, FC6A-M16P4E, FC6A-M16R1, FC6A-M16R1E, FC6A-M16R4, FC6A-M16R4E, FC6A-M32P3, FC6A-M32P3E

FC6A Series I/O mixture moduels Model(s) FC6A-M24BR1, FC6A-M24BR4

FC6A Series I/O mixture modules Model(s) FC6A-M08BR4, FC6A-TYS4

FC6A Series I/O mixture modules Model(s) FC6A-M08BR1

FC6A Series input modules Model(s) FC6A-N08A11, FC6A-N08A14, FC6A-N08B1, FC6A-N08B4, FC6A-N16B1, FC6A-N16B3, FC6A-N16B4, FC6A-N32B3

FC6A Series output modules Model(s) FC6A-R081, FC6A-R084, FC6A-R161, FC6A-R164, FC6A-T08K1, FC6A-T08K4, FC6A-T08P1, FC6A-T08P4,

FC6A-T16K1, FC6A-T16K3, FC6A-T16K4, FC6A-T16P1, FC6A-T16P3, FC6A-T16P4, FC6A-T32K3, FC6A-T32P3

FC6A Sieres CPU modules Model(s) FC6A-M16P4

Open type, Programmable controllers, "FC6A Series Analaog Modules" Model(s) FC6A-J2C1, -J2C4, -J4A1, -J4A4, -J8A1, -J8A4, -K2A1, -K2A4, -K4A1, -K4A4, -L06A1, -L06A4, -L03CN1, -L03CN4, -J4CN1, -J4CN4, -J8CU1, -J8CU4, -F2MR1, -F2MR4, -F2M1, -F2M4

Open type, Programmable controllers, "FC6A Series CPU Modules" Model(s) FC6A-C16K1C, -C16K1CE,-C24K1C,-C24K1CE,-C40K1C, and -C40K1CE.

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

Open type, Programmable controllers, "FC6A Series CPU Modules Brick CAN bus types" Model(s) FC6A-C40R1AEJ, -C40R1CEJ, -C40R1DEJ, -C40P1CEJ, -C40P1DEJ, -C40K1CEJ, -C40K1DEJ.

Open type, Programmable controllers, "FC6A Series Option Modules" Model(s) FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2, -PC3, -PC4

Open type, Programmable controllers, "FC6B Series CPU Modules Brick Low-end Types" Model(s) FC6B-C16K1C, -C24K1C, -C40K1C, FC6B-C16P1C, FC6B-C16R1A, FC6B-C16R1C, FC6B-C24P1C, FC6B-C24R1A, FC6B-C24R1C, FC6B-C40P1C, FC6B-C40R1A, FC6B-C40R1C

Open type, Programmable controllers, "HMI Module" Model(s) FC6A-PH1

Open type, Programmable controllers Model(s) FL1F-B12RCA, FL1F-B12RCC, FL1F-B12RCE, FL1F-H12RCC, FL1F-H12RCE, FL1F-J2BR2, FL1F-K2BM2, FL1F-M08B1S, FL1F-M08B1S2, FL1F-M08B2R2, FL1F-RD1

Open type, Programmable controllers Model(s) FL1F-H12RCA, FL1F-J2B2, FL1F-M08C2R2, FL1F-M08D2R2

Programmable controllers, "AS-1 Gateway Series" Model(s) SX5A-GM1N

Programmable controllers Model(s) FL1B-CL1C12, FT1A-C12RA-B, FT1A-C12RA-S, FT1A-C12RA-W, FT1A-C14KA-B, FT1A-C14KA-S, FT1A-C14KA-W, FT1A-C14SA-B, FT1A-C14SA-S, FT1A-C14SA-W, FT1A-M12RA-B, FT1A-M12RA-S, FT1A-M12RA-W, FT1A-M14KA-B, FT1A-M14KA-S, FT1A-M14KA-W, FT1A-M14SA-B, FT1A-M14SA-S, FT1A-M14SA-W

HG1U-S, followed by A or B, followed by 11 or 12, followed by BH, CH, or JH, UH or WH, followed by MK, may be followed by four suffix letters and/or numbers, may be followed by -S1 or A1 through -S20 or -A20.

Programmable controllers , "AS-1 Gateway Series" Model(s) SX5A-GD1N

Programmable controllers, CPU modules, "FT1A Series" Model(s) FT1A-B12RA, FT1A-B12RC, FT1A-B24RA, FT1A-B24RC, FT1A-B40RC, FT1A-B40RKA, FT1A-B40RSA, FT1A-B48KA, FT1A-B48KC, FT1A-B48SA, FT1A-B48SC

Programmable Controllers, CPU modules, "FT1A Series" Model(s) FT1A-C14KA, FT1A-C14SA

Programmable controllers, CPU modules, "FT1A Series" Model(s) FT1A-H12RA, FT1A-H12RC, FT1A-H24RA, FT1A-H24RC, FT1A-H40RC, FT1A-H40RKA, FT1A-H40RSA, FT1A-H48KA, FT1A-H48KC, FT1A-H48SA, FT1A-H48SC

Programmable Controllers, CPU modules, "FT1A Series" Model(s) FT1A-M14KA, FT1A-M14SA

Programmable controllers, CPU units Model(s) FC5A-D12K1E, may be followed by DS0838, FC5A-D12S1E, may be followed by DS0838

Programmable controllers, open type Model(s) FL1A-B10RCA, FL1A-B10RCB, FL1A-B12RCE, FL1A-H10RCA, FL1A-H10RCB, FL1A-H12RCE, FL1A-H12SND, FL1B-B12RCA, FL1B-B12RCC, FL1B-B12RCE, FL1B-H12RCA, FL1B-H12RCC, FL1B-H12RCE, FL1B-H12SND, FL1B-J2B2, FL1B-M08B1S2, FL1B-M08B2R2, FL1B-M08C2R2, FL1B-M08D2R2, FL1D-B12RCA, FL1D-B12RCC, FL1D-B12RCE, FL1D-H12RCA, FL1D-H12RCC, FL1D-H12RCE, FL1D-H12SND, FL1D-K2B2, FL1D-K2BM2, FL1E-B12RCA, FL1E-B12RCA, FL1E-B12RCE, FL1E-H12RCA, FL1E-H12RCC, FL1E-H12RCE, FL1E-H12SND, FL1E-RD1, SX5D-SBM16K, SX5D-SBM16P, SX5D-SBM16S, SX5D-SBN16K, SX5D-SBN16P, SX5D-SBN16S, SX5D-SBR08, SX5D-SBT16K, SX5D-SBT16P, SX5D-SBT16S, SX5L-SBM16K, SX5L-SBM16P, SX5L-SBM16S, SX5L-SBN16K, SX5L-SBN16P, SX5L-SBN16S, SX5L-SBR08, SX5L-SBT16K, SX5L-SBT16P, SX5L-SBT16S, SX5S-SBM16K, SX5S-SBM16P, SX5S-SBM16S, SX5S-SBN16K, SX5S-SBN16P, SX5S-SBN16S, SX5S-SBR08, SX5S-SBT16K, SX5S-SBT16P, SX5S-SBT16S

Programmable display operator interfaces, 10.4 inch type, "HG3G Series" Model(s) HG3G-AJT22MF-B, HG3G-AJT22MF-W, HG3G-AJT22TF-B, HG3G-AJT22TF-W

Programmable display operator interfaces, 12.1 inch type, "HG4G Series" Model(s) HG4G-CJT22MF-B, HG4G-CJT22TF-B

Programmable display operator interfaces, 5.7 inch type, "HG2G Series" Model(s) HG2G-5FT22TF-B, HG2G-5FT22TF-S, HG2G-5FT22TF-W, HG2G-5ST22TF-B, HG2G-5ST22TF-S, HG2G-5ST22TF-W, HG2G-5ST22VF-B, HG2G-5ST22VF-S, HG2G-5ST22VF-W

Programmable display operator interfaces, 8.4 inch type, "HG3G Series" Model(s) HG3G-8JT22MF-B, HG3G-8JT22MF-W, HG3G-8JT22TF-B, HG3G-8JT22TF-W

Safety controllers, open type Model(s) FS1A*

* - May be followed by any letter(s) and/or number(s).

Trademark and/or Tradename: 

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Programmable Controllers for Use in Hazardous Locations

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Programmable Controllers for Use in Hazardous Locations

See General Information for Programmable Controllers for Use In Hazardous Locations

IDEC CORP E211795
6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KU, OSAKA 532-0004 JAPAN

Trademark and/or Tradename: IDEC

Class I, Division 2, Groups A, B, C and D.

Programmable controllers, CPU modules, "FT1A Series" Models FT1A-B12RA, -B12RC, -H12RA, -H12RC, -B24RA, -B24RC, -H24RA, -H24RC, -B40RKA, -B40RSA, -B40RC, -H40RKA, -H40RSA, -H40RC, -B48KA, -B48SA, -B48KC, -B48SC, -H48KA, -H48SA, -H48KC, -H48SC.

Open-type programmable controllers, LOGO, Cat. Nos. FL1D-K2B2, FL1E-H12RCE, FL1E-H12SND, FL1B-M008B1S2, FL1B-J2B2, FL1D-K2BM2, FL1E-RD1, FL1E-PM4, FL1E-PB1, FL1E-PG1.

Cat. Nos. FL1F-H12SCD, FL1F-H12RCE, FL1F-H12RCA, FL1F-H12RCC, FL1F-B12RCE, FL1F-B12RCA, FL1F-B12RCC, FL1F-M08B1S2, FL1F-M08B2R2, FL1F-M08D2R2, FL1F-M08C2R2, FL1F-J2B2, FL1F-K2BM2, FL1F-J2BR2, FL1F-RD1.

Programmable controllers, FC4A and FC5A Series, Base Modules: FC4A-C10R2, -C10R2C, -C16R2, -C16R2C, -C24R2, -C24R2C, -D20K3, -D20S3; Base Modules: FC4A-D20RK1, -D20RS1, -D40K3, -D40S3, may be followed by -DS828; Base Modules: FC5A-C10R2, -C10R2C, -C10R2D, -C16R2, -C16R2C, -C16R2D, -C24R2, -C24R2C, -C24R2D, -D16RK1, -D16RS1, -D32K3, -D32S3, -D12K1E, -D12S1E; Expansion Modules: FC4A-R081, -R161, -T08K1, -T08S1, -T08SP1, -T16K3, -T16S3, -T16SP3, -T32K3, -T32S3, -T32SP3, -K4A1, -N08B1, -N16B1, -N16B3, -N32B3, -M08BR1, -M24BR2, -L03AP1, -L03A1, -J2A1, -K1A1, -N08A11, -J4CN1, -J8C1, -J8AT1, -K2C1 ; Expansion Interface Modules: FC5A-EXM1M, -EXM1S, -EXM2; Communication Modules:FC4A-HPC1, -HPC2, -HPC3, AS-I, FC5A-SIF2, FC5A-SIF4; Master Module: FC4A-AS62M; Web server units: FC4A-SX5ES1J, -SX5ES1E.

Programmable display operator interface HG2G Series, Base Modules: HG2G-SS22VF-B, -SS22VF-W, -SS22VF-S, HG2G-SS22TF-B, -SS22TF-W, -SS22TF-S, HG2G-SB22VF-B, -SB22VF-W, -SB22VF-S, HG2G-SB22TF-B, -SB22TF-W, -SB22TF-S.

Programmable Display Operator Interfaces, HG3G Series, Modules HG3G-8JT22TF-W, -8JT22TF-B, -8JT22MF-W, -8JT22MF-B, HG3G-AJT22TF-W, -AJT22TF-B, -AJT22MF-W, -AJT22MF-B.

Programmable display operator interface modules, Modules: HG2G-SS21VF-B, -SS21VF-W, -SS21VF-S, HG2G-SS21TF-B, -SS21TF-W, -SS21TF-S, HG2G-SB21VF-B, -SB21VF-W, -SB21VF-S, HG2G-SB21TF-B, -SB21TF-W, -SB21TF-S; HG4G Series modules HG4G-CJT22TF-B, HG4G-CJT22MF-B, HG4G-CJT22TF-W, HG4G-CJT22MF-W, may be followed by -MK1495.

Programmable display operator interface, HG2G Series, Modules: HG2G-5ST22VF-W, -5ST22VF-B, -5ST22VF-S, HG2G-5ST22TF-W, -5ST22TF-B, -5ST22TF-S, HG2G-5FT22TF-W, -5FT22TF-B, -5FT22TF-S.

Programmable controllers, FT1A Series, Models FT1A-C12RA-B, FT1A-C12RA-S, FT1A-C12RA-W, FT1A-M12RA-B, FT1A-M12RA-S and FT1A-M12RA-W, FT1A-M14SA-W, FT1A-M14SA-B, FT1A-M14SA-S, FT1A-M14KA-W, FT1A-M14KA-B, FT1A-M14KA-S, FT1A-C14SA-W, FT1A-C14SA-B, FT1A-C14SA-S, FT1A-C14KA-W, FT1A-C14KA-B, FT1A-C14KA-S.

Optional modules for programmable controller, Models FT1A-M14SA-X, FT1A-M14KA-X, FT1A-C14SA-X and FT1AC14KA-X: FC6A-PJ2A: 2-Analog Input, FC6A-PJ2CP: 2-Analog Input, FC6A-PK2AV: 2-Analog Output, FC6A-PK2AW: 2-Analog Output.

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

Programmable controllers, FC6A Series CPU Modules Brick Types : FC6A-C16R1A, -C16R1AE, -C24R1A, -C24R1AE, -C40R1A, -C40R1AE, -C16P1C, -C16P1CE, -C24P1C, -C24P1CE, -C40P1C, -C40P1CE, -C16K1C, -C16K1CE,-C24K1C,-C24K1CE,-C40K1C,-C40K1CE.

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

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

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

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

Programmable controllers, FC6A Series - Option Modules : FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2.

Programmable display operator interface, HG2G Series, Models HG2G-5Txx2Tx-W, HG2G-5Txx2Tx-B, HG2G-5Txx2Tx-S, where xx equals N22, T22 or U72.

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6-64 NISHIMIYAHARA 2-CHOME
YODOGAWA-KU, OSAKA 532-0004 JAPAN

Class I, Division 2, Groups A, B, C and D.

Programmable controllers, CPU modules, "FT1A Series" Models FT1A-B12RA, -B12RC, -H12RA, -H12RC, -B24RA, -B24RC, -H24RA, -H24RC, -B40RKA, -B40RSA, -B40RC, -H40RKA, -H40RSA, -H40RC, -B48KA, -B48SA, -B48KC, -B48SC, -H48KA, -H48SA, -H48KC, -H48SC.

Open-type programmable controllers, LOGO, Cat. Nos. FL1D-K2B2, FL1E-H12RCE, FL1E-H12SND, FL1B-M008B1S2, FL1B-J2B2, FL1D-K2BM2, FL1E-RD1, FL1E-PM4, FL1E-PB1, FL1E-PG1.

Cat. Nos. FL1F-H12SCD, FL1F-H12RCE, FL1F-H12RCA, FL1F-H12RCC, FL1F-B12RCE, FL1F-B12RCA, FL1F-B12RCC, FL1F-M08B1S2, FL1F-M08B2R2, FL1F-M08D2R2, FL1F-M08C2R2, FL1F-J2B2, FL1F-K2BM2, FL1F-J2BR2, FL1F-RD1.

Programmable controllers, FC4A and FC5A Series, Base Modules: FC4A-C10R2, -C10R2C, -C16R2, -C16R2C, -C24R2, -C24R2C, -D20K3, -D20S3; Base Modules: FC4A-D20RK1, -D20RS1, -D40K3, -D40S3, may be followed by -DS828; Base Modules: FC5A-C10R2, -C10R2C, -C10R2D, -C16R2, -C16R2C, -C16R2D, -C24R2, -C24R2C, -C24R2D, -D16RK1, -D16RS1, -D32K3, -D32S3, -D12K1E, -D12S1E; Expansion Modules: FC4A-R081, -R161, -T08K1, -T08S1, -T08SP1, -T16K3, -T16S3, -T16SP3, -T32K3, -T32S3, -T32SP3, -K4A1, -N08B1, -N16B1, -N16B3, -N32B3, -M08BR1, -M24BR2, -L03AP1, -L03A1, -J2A1, -K1A1, -N08A11, -J4CN1, -J8C1, -J8AT1, -K2C1; Expansion Interface Modules: FC5A-EXM1M, -EXM1S, -EXM2; Communication Modules: FC4A-HPC1, -HPC2, -HPC3, AS-I, FC5A-SIF2, FC5A-SIF4; Master Module: FC4A-AS62M; Web server units: FC4A-SX5ES1J, -SX5ES1E.

Programmable display operator interface HG1F Series, Base Modules: HG1F-SB22BF-B, -SB22BF-W, -SB22YF-B, -SB22YF-W.

Programmable display operator interface HG2G Series, Base Modules: HG2G-SS22VF-B, -SS22VF-W, -SS22VF-S, HG2G-SS22TF-B, -SS22TF-W, -SS22TF-S, HG2G-SB22VF-B, -SB22VF-W, -SB22VF-S, HG2G-SB22TF-B, -SB22TF-W, -SB22TF-S.

Programmable Display Operator Interfaces, HG3G Series, Modules HG3G-8JT22TF-W, -8JT22TF-B, -8JT22MF-W, -8JT22MF-B, HG3G-AJT22TF-W, -AJT22TF-B, -AJT22MF-W, -AJT22MF-B.

Programmable display operator interface modules, Modules: HG2G-SS21VF-B, -SS21VF-W, -SS21VF-S, HG2G-SS21TF-B, -SS21TF-W, -SS21TF-S, HG2G-SB21VF-B, -SB21VF-W, -SB21VF-S, HG2G-SB21TF-B, -SB21TF-W, -SB21TF-S; HG4G Series modules HG4G- CJT22TF-B, and HG4G-CJT22MF-B, HG4G-CJT22TF-W, HG4G-CJT22MF-W, may be followed by -MK1495.

Programmable display operator interface, HG2G Series, Modules: HG2G-5ST22VF-W, -5ST22VF-B, -5ST22VF-S, HG2G-5ST22TF-W, -5ST22TF-B, -5ST22TF-S, HG2G-5FT22TF-W, -5FT22TF-B, -5FT22TF-S.

Programmable controllers, FT1A Series, Models FT1A-C12RA-B, FT1A-C12RA-S, FT1A-C12RA-W, FT1A-M12RA-B, FT1A-M12RA-S and FT1A-M12RA-W, FT1A-M14SA-W, FT1A-M14SA-B, FT1A-M14SA-S, FT1A-M14KA-W, FT1A-M14KA-B, FT1A-M14KA-S, FT1A-C14SA-W, FT1A-C14SA-B, FT1A-C14SA-S, FT1A-C14KA-W, FT1A-C14KA-B, FT1A-C14KA-S.

Optional modules for programmable controller, Models FT1A-M14SA-X, FT1A-M14KA-X, FT1A-C14SA-X and FT1AC14KA-X: FC6A-PJ2A: 2-Analog Input, FC6A-PJ2CP: 2-Analog Input, FC6A-PK2AV: 2-Analog Output, FC6A-PK2AW: 2-Analog Output.

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

Programmable controllers, FC6A Series CPU Modules Brick Types : FC6A-C16R1A, -C16R1AE, -C24R1A, -C24R1AE, -C40R1A, -C40R1AE, -C16P1C, -C16P1CE, -C24P1C, -C24P1CE, -C40P1C, -C40P1CE, -C16K1C, -C16K1CE,-C24K1C,-C24K1CE,-C40K1C,-C40K1CE.

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

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

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

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

Programmable controllers, FC6A Series - Option Modules : FC6A-PJ2A, -PJ2CP, -PK2AV, -PK2AW, -PC1, -PC2.

Programmable display operator interface, HG2G Series, Models HG2G-5Txx2Tx-W, HG2G-5Txx2Tx-B, HG2G-5Txx2Tx-S, where xx equals N22, T22 or U72.

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