

IDEC » MicroSmart

Key Features

- Embedded Ethernet port
- Embedded SD memory port
- Modbus TCP and RTU
- Embedded RS232C/RS485 user selectable
- Maximum 520 digital I/O
- Maximum 126 analog I/O
- Data Logging
- Web Server Functions
- Large programming and data memory
- SAE J1939 CPU



Part Number	Description
	<ul style="list-style-type: none"> • IDEC - MicroSmart PLC CPU - w/RJ45 Ethernet - Modbus/TCP + RS-232/RS485 - Modbus/RTU • Embedded SD memory port - Data Logging + Web Server & Built-in Web Page Editor • Op Temp -10 to +55 deg C - DIN rail or panel mounting
FC6A-C16R1AE	IDEC - PLC - (9) 100-240V AC DI - (7) Relay Outputs - Maximum 400 Digital & 100 Analog w/exp IO
FC6A-C16R1CE	IDEC - PLC - (9) 24V DC DI - (7) Relay Outputs - Maximum 400 Digital & 100 Analog w/exp IO
FC6A-C16P1CE	IDEC - PLC - (9) 24V DC DI - (7) DC Source Outputs - Maximum 400 Digital & 100 Analog w/exp IO
FC6A-C16K1CE	IDEC - PLC - (9) 24V DC DI - (7) DC Sink Outputs - Maximum 400 Digital & 100 Analog w/exp IO
FC6A-C24R1AE	IDEC - PLC - (14) 100-240V AC DI - (10) Relay Outputs - Maximum 504 Digital & 124 Analog w/exp IO
FC6A-C24R1CE	IDEC - PLC - (14) 24V DC DI - (10) Relay Outputs - Maximum 504 Digital & 124 Analog w/exp IO
FC6A-C24P1CE	IDEC - PLC - (14) 24V DC DI - (10) DC Source Outputs - Maximum 504 Digital & 124 Analog w/exp IO
FC6A-C24K1CE	IDEC - PLC - (14) 24V DC DI - (10) DC Sink Outputs - Maximum 504 Digital & 124 Analog w/exp IO
FC6A-C40R1AE	IDEC - PLC - (24) 100-240V AC DI - (16) Relay Outputs - Maximum 520 Digital & 126 Analog w/exp IO
FC6A-C40R1CE	IDEC - PLC - (24) 24V DC DI - (16) Relay Outputs - Maximum 520 Digital & 126 Analog w/exp IO
FC6A-C40P1CE	IDEC - PLC - (24) 24V DC DI - (16) DC Source Outputs - Maximum 520 Digital & 126 Analog w/exp IO
FC6A-C40K1CE	IDEC - PLC - (24) 24V DC DI - (16) DC Sink Outputs - Maximum 520 Digital & 126 Analog w/exp IO
FC6A-C40R1DE	IDEC - PLC - (24) 12V DC DI - (16) Relay Outputs - Maximum 40 Digital & 6 Analog w/exp IO
FC6A-C40P1DE	IDEC - PLC - (24) 12V DC DI - (16) 12V DC Source Outputs - Maximum 40 Digital & 6 Analog w/exp IO
FC6A-C40K1DE	IDEC - PLC - (24) 12V DC DI - (16) 12V DC Sink Outputs - Maximum 40 Digital & 6 Analog w/exp IO
FC6A-PH1	IDEC - HMI module & Communication Adapter - 2nd Eth, 2nd Serial, email & text message
Discrete On/Off Expansion IO Modules	
FC6A-N08A11	IDEC - (2) 100-240V AC DI Module - 2 commons
FC6A-N08B1	IDEC - (8) 24V DC DI Module - Sink/Source - 1 common
FC6A-N16B1	IDEC - (16) DC DI Module - Sink/Source - 1 common
FC6A-N32B3	IDEC - (32) DC DI Module - Sink/Source - 2 commons
FC6A-R081	IDEC - (8) 1 NO Relay Output 2A/pt - 7A/common - 2 commons
FC6A-R161	IDEC - (16) 1NO Relay Output 2A/pt - 8A/common - 2 commons
FC6A-T08K1	IDEC - (8) DC DO Module - Sinking - 1 common - 0.5A/pt - 3A/common
FC6A-T08P1	IDEC - (8) DC DO Module - Sourcing - 1 common - 0.5A/pt - 3A/common
FC6A-T16K1	IDEC - (16) DC DO Module - Sinking - 1 common - 0.5A/pt - 3A/common
FC6A-T16P1	IDEC - (16) DC DO Module - Sourcing - 1 common - 0.5A/pt - 3A/common
FC6A-T32K3	IDEC - (32) DC DO Module - Sinking - 2 common - 0.1A/pt - 1A/common
FC6A-T32P3	IDEC - (32) DC DO Module - Sourcing - 2 common - 0.1A/pt - 1A/common
FC6A-M08BR1	IDEC - (4) 24V DC Sink/Source Input + (4) 1NO Relay Output - 1 common - 2A/pt - 7A/common
FC6A-M24BR1	IDEC - (16) 24V DC Sink/Source Input + (8) 1NO Relay Output - 2 commons - 2A/pt - 7A/common
Analog +/- 100% Expansion IO Modules - External 24V DC power required	
FC6A-J2C1	IDEC - (2) AI - Voltage/Current - 16 Bit Resolution
FC6A-J4A1	IDEC - (4) AI - Voltage/Current - 12 Bit Resolution
FC6A-J8A1	IDEC - (8) AI - Voltage/Current - 12 Bit Resolution
FC6A-L06A1	IDEC - (4) AI - Voltage/Current + (2) AO - Voltage/Current - 12 Bit Resolution
FC6A-L03CN1	IDEC - (2) AI - Voltage/Current 16Bit - T/C Input - 14 Bit + (1) AO - Voltage/Current - 12 Bit Resolution
FC6A-J4CN1	IDEC - (4) AI - Voltage/Current 16Bit - T/C Input - 14 Bit Resolution
FC6A-J8CU1	IDEC - (8) Thermocouple Input Module - 14 Bit Resolution
FC6A-K4A1	IDEC - (4) AO - Voltage/Current - 12 Bit Resolution