FX series is the 3rd generation of micro programmable controllers. High speed, large capacity, and enhanced performance and functions are assured. Equipped with excellent expandability for analog, communication, Ethernet, and positioning functions, a whole world of FX applications awaits.

FX series feature comparisons:

- Main unit KO: Control size
- Power supply: AC
- 24 V DC input: Sink/Source
- Internal memory: 32,000 steps EEPROM (battery backed)
- Communication part: Ethernet, RS-232C, RS-422
- High-speed counter: 1,000 kHz, 4 points, 16 points
- Positioning control (transducer output type): 2 points
- Variable analog input: 2 points
- Programming language: Relay symbol system + step-ladder system (SFC general)

Specifications subject to change without notice.

New possibilities
- Introducing an entry level model for the FX3 series -

MITSUBISHI ELECTRIC CORPORATION

For detailed information, please consult the catalog or refer to our website at http://www.mitsubishielectric.com/
The newly released FX3S adds extra expandability to the high-cost performance of the versatile entry-level FX3s. FX3S makes it possible to utilize analog, Ethernet and MODBUS® functions even in small-scale systems.

**Main unit lineup**
- FX3S-10MR/ES
- FX3S-14MR/ES
- FX3S-14MT/ES

8 inputs   6 outputs

- FX3S-20MR/ES
- FX3S-20MT/ES
- FX3S-20MT/ES
- FX3S-CNV-ADP

8 inputs   4 outputs 12 inputs   8 outputs 16 inputs   14 outputs

**Computer**
- GOT1000 Series

**Sensor**
- FX3S-CNV-ADP

**Memory Cassette**
- FX3S-CNV-ADP

**Analog**
- AC D T2
- AC D T1
- AC D R
- AC D T2
- AC D T1
- AC D R

**Up to 2 axes (100 kHz)**

**Relay output**
- FX3S-30MR/ES
- FX3S-30MR/ES
- T1 Transistor output (sink)
- FX3S-30MR/ES
- T2 Transistor output (source)

**USB**
- FX3U-232ADP-MB
- FX3U-4AD-PT-ADP
- FX3U-4DA-ADP
- FX3U-3A-ADP
- FX3U-3A-ADP

**FX3U-ENET-ADP**
- FX3U-ENET-ADP
- FX3U-232ADP-MB

**FX3G-EEPROM-32L**
- FX3G-EEPROM-32L

**Unprecedented expandability with optional products!**

**Enhanced expandability**
- Special adapter for Ethernet communication functions
- Supports floating point instructions.
- Supports inverter communication instructions.
- Supports 116 applied instructions (31 more instructions than FX1S).
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**Compatibility with global standards**
- 115.2 kbps serial communication.
- Analog input adapter for temperature sensor can be connected.

**Increased program capacity**
- Up to 2,000 steps program capacity
- Supports 116 applied instructions (31 more instructions than FX1S).

**More instructions**
- Supports Inverter communication instructions.
- Supports floating point instructions.
- Supports 116 applied instructions (31 more instructions than FX1S).

**Excellent cost performance!**
- Equipped with the performance of FX3S series while maintaining backwards compatibility with FX3s.
- High-speed counter input: Up to 6ch
- Increased program capacity: Up to 2,000 steps for commands
- More instructions: Supports Inverter communication instructions.

**New possibilities using FX3s**
- Achieve extreme cost reductions by flexibility combining FX3s with other PLCs.
- For example, by properly distributing PLCs in a network in accordance with the desired application, you can reduce loads on each CPU and costs of the entire system. In addition, you can construct an energy-saving system by combining with power monitoring functions.

**Straightforward programming with GX Works2**
- Powerful, intuitive, and efficient.
- GX Works2 reduces program development time with an easy to use interface.

Use GX Works2 also for setting up Ethernet. Fx type: ENET-ADP.