

Controls

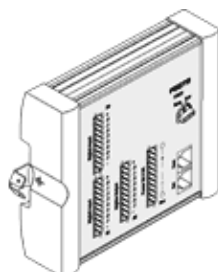
FEC-FC400-FST

Part number: 183862

FESTO

FEC standard, 16 inputs / 8 transistor outputs, 24 V DC, FST, in aluminum housing, plug-in connectors, 2 serial interfaces, all terminals accessible from the front.

Run-out type. Available until 2010.



Data sheet

| Feature | Value |
|--|---|
| Authorization | C-Tick |
| Operating voltage | 24 VDC +25% / -15% |
| Current consumption | 200 mA nominal at 24 V DC |
| Power supply cable length | 10 m |
| Ambient temperature | 0 ... 55 °C |
| Storage temperature | -25 ... 70 °C |
| Relative air humidity | 95% non-condensing |
| Protection class | IP20 |
| Safety class | III |
| Product weight | 380 g |
| Test for insensitivity to vibration | EN 60068-2-6-FC 10-57 Hz 0,075 mm 57 - 150 Hz 1g |
| Test for insensitivity to shock | EN 60068-2-27 EA 15g, 11ms 2 shocks per direction |
| Run/Stop switch | Yes |
| Electrical connector technology, I/O | Tension-spring system |
| Status displays | LED |
| Digital inputs, number | 16 |
| Digital inputs, fast counting inputs | 2, each with max. 2 kHz |
| Digital inputs, incremental encoder connection | Yes, max. 200 Hz |
| Digital inputs, input signal delay | 5 ms typ. |
| Digital inputs, input voltage/current | 24 VDC / 5 mA |
| Digital inputs, nominal value for True | \geq 15 VDC |
| Digital inputs, nominal value for False | \leq 5 VDC |
| Digital inputs, electrical isolation | Yes, via optocoupler |
| Digital inputs, status display | LED optionally in the plug |
| Digital inputs, permissible connector cable length | 30 m |
| Digital outputs, number | 8 |
| Digital outputs, contact | Transistor |
| Digital outputs, output voltage | 24 VDC |
| Digital outputs, output current | 400 mA |
| Digital outputs, group current | 3.2 A |
| Digital outputs, electrical isolation | Yes, via optocoupler |
| Digital outputs, electrical isolation in groups | Yes, in groups of up to 8 |
| Digital outputs, switching frequency | max. 1 kHz |
| Digital outputs, short circuit proof | Yes |
| Digital outputs, overload proof | Yes |
| Digital outputs, resistant to low-resistance loads | Yes, up to 5 W |
| Digital outputs, status display | LED optionally in the plug |

| Feature | Value |
|---|---|
| Serial interface, number | 2 |
| Serial interface, COM / EXT attributes | TTL level, no electrical isolation |
| Serial interface, connection technology | 2x RJ12 socket |
| Serial interface, used as RS 232C | SM14 or SM15 required |
| Serial interface, used as universal interface: EXT | 300...115000 Bd 7N1, 7E1, 7O1, 8N1, 8E1, 8O1 |
| SAC plug, required number of plugs | 4 |
| Programming, language | AWL, KOP |
| Programming, operating language | DE, EN |
| Programming, number of programs and tasks per project | 64 |
| Programming, number of registers (words) | 256 |
| Programming, number of markers | 10000 |
| Programming, number of timers (status, actual value, set point) | 256 |
| Programming, number of counters (status, actual value, set point) | 256 |
| Programming, support for C/C++ | Yes |
| Programming, file handling support | Yes |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |