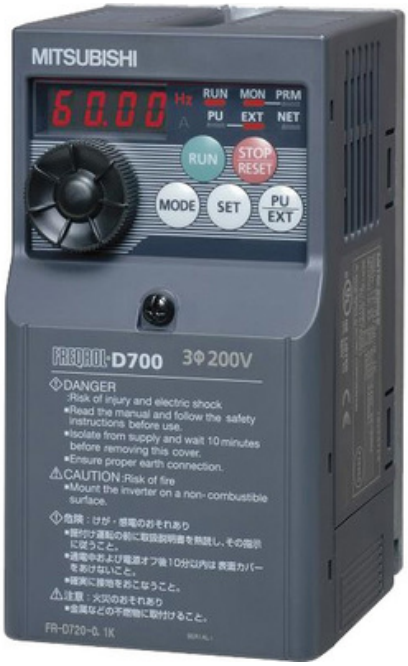
FR-D740-012-EC

VSD/VFD - Mitsubishi - FR-D700 series - 3-phase input - 1.2A / 0.4kW / 1/2HP

Variable Speed/Frequency Drive (VSD/VFD) / Inverter - EU / European specification - Mitsubishi Electric (FREQROL FR-D700 series) - input 380Vac-480Vac (3-phase/3P) - 400W / 0.4kW / 1/2HP - 1.2A - frequency (output) 0.2-400Hz - with Modbus RTU communication capability - IP20 - input voltage nominal values 400Vac / 415Vac / 440Vac - equivalent to FRD740012EC



Brand

Mitsubishi Electric

Online Price

$623.00

Contact for availability

- 1 +

Add to quote

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Functions

Variable Speed/Frequency Drive (VSD/VFD) / Inverter
Soft-PWM control
High carrier frequency PWM control
Maximum/minimum frequency setting
Frequency jump operation
External thermal relay input selection
Automatic restart after instantaneous power failure operation
Forward/reverse rotation prevention
Remote setting
Second function
Multi-speed operation
Regeneration avoidance
Slip compensation
Operation mode selection
Offline auto tuning function
PID control
Computer link operation (RS-485)
Optimum excitation control
Power failure stop
Speed smoothing control

Design

EU / European specification
Heatsnk. cooling

Supply voltage (AC)

380Vac-480Vac
(400Vac / 415Vac / 440Vac)

Type of network

3-phase/3P

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Overvoltage during deceleration
Inverter protection thermal operation
Motor protection thermal operation
Heatsink overheat
Output short-circuit
Parameter error
PU disconnection
CPU fault
Brake transistor alarm
Inrush resistance overheat
Analog input error
Stall prevention operation
Safety circuit fault
Output phase loss
Output side earth (ground) fault overcurrent at start
External thermal relay operation
PTC thermistor operation
Retry count excess
Output current detection value exceeded
Input phase loss

Communication protocol

Modbus RTU

Digital inputs

1 x digital input (source/sink) (STF)
1 x digital input (source/sink) (STR)
1 x digital input (source/sink) (RH)
1 x digital input (source/sink) (RM)
1 x digital input (source/sink) (RL)
1 x digital input (SS1 safe stop channel 1)

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Rated apparent power (S)

0.9kVA

Application type

Transfer
Lifts
Packaging
Machine tools
Air conditioning
Fans
Pumps

Order code / Manufacturer SKU

FR-D740-012-EC

Manufacturer product status

Commercialized

Equivalent to

FRD740012EC

Compliant with standard(s)

EN ISO 13849-1 Category 3
EN62061
IEC61508 SIL2 PLd

SHOW LESS

Related Documents

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COMPANY WEBSITE

ENGLISH (US)

Contact Us 1-847-478-2100

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