

Item No.: CO3636-5F

Frequency converter MM420, industrial type 0.75kW 1-phase incl. LCD operat. unit

New generation industrial converters, adapted for educational purposes, with microprocessor control and IGBT. Based on the Siemens MICROMASTER 420 and including the following special features:

- Control inputs and outputs with 4-mm safety sockets can be used for a variety of applications.
- Power outputs with 4-mm safety sockets as well as a 5-pole compact socket for connection to a conveyor belt.
- FCC control (flux-current control) for high quality drive response even under changing load
- Multi-point characteristic (variable V/f characteristic), V/f characteristic
- Integrated PI-action controller
- Various means of operation including operating panel or free software tool.
- Modular system of converter options
- Variable run-up and reversing times (0 to 650 s)
- Compound braking for controlled rapid braking
- 4 filter frequencies for protecting the machine from resonance
- Automatic restart
- Smooth connection to rotating motor leading to longer motor life
- Designed for use in IT networks
- Integrated circuit breaker/overload function
- Nominal power: 0.75 kW
- Input voltage: 200...240V, 47...63Hz
- Output voltage: 0...3x input voltage
- Output frequency: 0...650Hz
- Overload factor: 150% (60s)
- Dimensions: 297 x 228 x 130 mm (HxWxD)
- Weight: 3kg

