

SEW-EURODRIVE MC07B0075-5A3-4-00

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Overview

The SEW-Eurodrive MC07B0075-5A3-4-00 is an 7.5 kW inverter drive from the MOVITRAC® B series, engineered for precise control of asynchronous AC motors. With a supply voltage range of $3 \times 380 - 500$ V AC and a rated output current of 16 A, this drive provides robust operation for various industrial automation uses. The standard version includes an integrated brake chopper for efficient braking operations.

Key Features

Motor Power: 7.5 kW (10 HP)

Supply Voltage: $3 \times 380 - 500$ V AC

Output Current: 16 A

Drive Size: 2S

control Modes: V/f and VFC (Voltage Frequency control)

Integrated Brake Chopper: Enables 4-quadrant operation

Protection Class: IP20

Cooling Method: Forced air cooling

Modular Design: Supports optional communication modules and accessories

Part Number: MC07B0075-5A3-4-00

Technical Specifications

Model: MC07B0075-5A3-4-00

Input Voltage: $3 \times 380 - 500$ V AC ($\pm 10\%$)

Input Frequency: 50/60 Hz ($\pm 5\%$)

Rated Output Current: 16 A

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Output Power: 11.1 kVA

Output Frequency: 0 – 400 Hz

Dimensions (W×H×D): 105 × 335 × 238 mm

Weight: Approximately 5 kg

Ambient Temperature Range: 0 ° C to +50 ° C (with derating above 40 ° C)

Installation Altitude: Up to 1000 m without derating; derating applies above 1000 m

Compliance: CE, UL, cUL, GOST-R, C-Tick

MC07B0075-5A3-4-00 | Sew | Movitrac, Control Unit 400V, 3 Phase, 7.5kW / 10 HP

AC DRIVE

INVERTER

MOVITRAC B

3 PHASE

380-500 VAC SUPPLY

50/60 HZ

7.5 KW (10 HP)

SUPPRESSION C2

4Q WITH BRAKE CHOPPER



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