

FREQUENCY CONVERTER

Type 5264



FREQUENCY CONVERTER
(Type 5264)

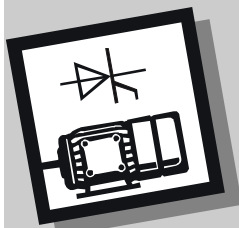
- Simple commissioning
- Didactically designed EMC connections
- Can be operated on IT networks
- Extensive protection functions against overload, short-circuits and ground faults, I²t thermal protection
- Simple cable connection (safety plugs, screw clamp, socket)
- Compound braking for improved braking performance
- Wide range of parameters which allow configuration for a wide application range
- Programmable I/O functions
- Digital PID controller with freely adjustable parameters
- Automatic parameter adaption to changes in load
- Sensorless vector control with adaptive motor model
- High pulse frequency for low noise operation

Optional:

- AOP Advanced Operation Panel
- Profibusmodul

Learning aims:

- To connect and operate digital frequency converters according to EMC requirements
- To program and test drive and protection functions, interpret fault messages, troubleshooting
- Central operation and monitoring (HMI) on the PC, connection to automation systems via Profibus



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Drive Technology / Automation Technology

Required accessories

- Micromasterstarter Software 6SL3072-0AA00-0AG0
- PC-Inverter Connection Kit (RS232) 6SE6400-1PC00-0AA0
- MICROMASTER 4 BASIC OPERATOR PANEL 4 (BOB) 6SE6400-0BP00-0AA0

Recommend accessories

- Experiment book: **NEW!** Type V 0023 DE
Frequency converter with
Micromaster 420

Optional accessories

- ADVANCED OPERATOR PANEL (AOP) 6SE6400-0AP00-0AA1
- MICROMASTER 4 Profibusmodule 6SE6400-1BP00-0AA0
- SIMATIC NET, Connecting cable 830-2, for Profibus 6XV1830-2AH30
- Three phase induction motor Type 2707.1
- AC Motor Board Type 5265

Technical data

Mains connection

- Mains voltage: 220 ... 240 V AC
- Mains frequency: 47 ... 63 Hz
- Internal fuse: 10 A slow blow

Motor connection

- Output voltage: 3 x 0 ... 230 V AC
- Output frequency: 0 ... 650 Hz
- Power: 0.37 kW

Three connections are available:
screw terminals, 4 mm safety jacks or a 4-pole round socket (for direct connection to the conveyor belt Type 99011).

Inputs

- 3 digital inputs: 24 V DC
- 1 analogue input: 0 ... 10 V

Outputs

- 1 analogue output: programmable, 10 bits
- 1 relays output: error contact 230 V AV

Delivered accessories

- 4 mm / 19 mm safety plugs
- power cable

System interface

- RS 485
- Optional Profibus connection

Mechanical data

- Front panel material: made of laminate (5 mm)
- Rear: angled plastic cover
- Dimensions: 266 x 297 x 220 mm (w x h x d)
- Weight: approx. 3.0 kg

Subject to technical modifications.