

# FB-10



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## Frequency inverter for elevator drives

### Features:

- Optimal for modernisation
- Noiseless switch frequency 16kHz
- Simple set up via LCD + keys, Laptop or operation tool
- Very high drive comfort
- Direct leveling
- Automatically distance calculation
- Optimal speed run floor to floor
- Asynchronous-, synchronous motor
- Feedback system:  
Encoder: HTL/TTL 1000 to 10.000 pulse, absolute encoder SSI, resolver, SIN/COS
- Open loop up to 1m/s, 10kW Motor power
- Compact size
- Integrated RFI filter up to 62A
- External RFI filter for 82A and 112A
- Emission: EN 55011-B
- Emergency / Evacuation with battery 120V or UPS
- Short-circuit resistant
- 6 travel speeds
- 6 output relays
- Error memory with monitoring
- motor thermistor monitoring
- Command voltage: 24Vdc or 0Vdc
- Serial interface RS 485 for lift control
- DCP 3, DCP 4, CANopen



### Power classes:

Nominal current:  
32A, 42A, 52A, 62A, 82A, 112A

Start current: 1,6 \* nominal current

Main voltage:  
3 \* 230Vac up to 440Vac +10%/-15%

### Dimension:

|         | 32A ... 52A | 62A ... 112A |
|---------|-------------|--------------|
| Width:  | 256 mm      | 306 mm       |
| Height: | 340 mm      | 445 mm       |
| Depth:  | 210 mm      | 210 mm       |