

## Cabinet Inverter

22kVA

inverter.cabinet\_inverter.22kva:

### Power Data:

- AC output power: 22 kVA
- DC input voltage : UDC = 400 V – 750 V +5 % / -10 %
- AC output voltage : 3 AC 0 – 400 V (500 V)
- Rated current @ 4 kHz : 32 A
- Peak current @ 4 kHz 60 s : 42 A
- Peak current @ 4 kHz 1 s : 54 A
- Peak current @ 4 kHz 0,5 s : 68 A
- Output frequency 0 – 599 Hz (0 – 1,600 Hz)
- Temperature range -25 to +55 °C (derating from +40 °C)

### CONTROL HARDWARE:

- Communication interface CANopen (optional: Profinet)
- Inputs and outputs : Digital inputs / outputs 4 Digital inputs 4 Digital outputs 4  
Analog inputs / outputs 2 Relay outputs 1
- User Interface : Ext. control panel, REFUdriver software tool
- Encoder system : Resolver, HTL, TTL, sine/cosine encoder

### Mechanical Data:

- Dimensions [L × W × H] : 88 × 432 × 325 mm
- Weight : 8 kg
- Degree of protection : IP 20
- Type of cooling : Liquid

### General Data:

- Protective functions: Device protection (over current, voltage or temperature), motor temperature monitoring
- Electromagnetic compatibility: EMC product standard for electrical drives EN 61800-3
- Functional safety : None

### APPLICATIONS:

- Public transportation
- Construction equipment
- Commercial vehicles

- Municipal vehicles
- Port equipment