

## Auxiliary inverter . Dual inverter

2x15kva

### **inverter.aux\_inverter.Dual\_inverter.2x15kva :**

#### Power Data:

- AC output power @ 312 V DC: 2 × 15 kVA
- Nominal DC voltage : 400 V
- DC input voltage range : 100 – 600 V
- max. AC output voltage @ 3 AC : 300 V
- Rated current @ 4 kHz : 2 x 40 A
- Peak current for 60 s @ 4 kHz : 2 x 48 A
- Peak current for 1 s @ 4 kHz : 2 x 60 A
- Output frequency : 0 – 599 Hz (optional up to 1,200 Hz)
- Control supply voltage: 24 VDC (± 20 %) optional 12 V DC (± 20 %)
- Ambient temperature: -25 to 85 °C (beyond 45 °C with derating)
- Coolant temperature: -25 to 55 °C

#### Control Hardware:

- Analog I/O: 2x IN (± 10 V or ± 20 mA) and 2x OUT (± 5V, max. 5 mA)
- Digital I/O: 4x IN / 4x OUT / 4x IN/OUT
- Service interface: RS485
- Communication interface: CANopen / SAE J1939
- Motor temperature control : PTC, PT1000, KTY
- Encoder system Resolver, HTL, TTL, sine/cosine encoder
- Resolver input voltage: 7 Vrms
- Transformation ratio for resolver: 0.286 or 0.5

#### Mechanical Data:

- Dimensions w/o connectors [L × W ×H]: 354 × 300 × 105 mm
- Weight: 7.5 kg
- Degree of protection : IP 67 (IP6K9K as option)
- Type of cooling Liquid: water-glycol