### Control panel

1. Status light
2. Local / remote
3. Status icons
4. Reference value
5. Actual value
6. Back / Options
7. Stop
8. Edit value / Move in menus
9. OK / Select / Save / Menu
10. Start

#### Status light
- green, steady: OK
- green, blinking: Warning
- red, steady: Fault
- red, blinking: Fault, turn power off to reset

#### Options

1. Control location
2. Active fault
3. Active warnings
4. Forward / Reverse
5. Reference

#### Motor data

1. Motor type
   - AsynM
   - PMSM
   - SynRM
2. Nominal power
3. Nominal voltage
4. Nominal speed
5. Phase order
   - Change direction without reconnecting motor cables
6. Unit selection
7. Control mode
   - Scalar or vector
8. Nominal current
9. Nominal frequency
10. Nominal torque
11. Nominal cos phi

#### Diagnostics

1. Active fault
2. Active warnings
3. Fault history
4. Connection status

#### Energy efficiency

1. Saved energy in kWh
2. Saved energy in MWh
3. Cost per kWh
4. Saved money
5. Saved money x1000
I/O Control macros
The menu content depends on the installed extension module.

I/O control:
1. I/O control macro

Fieldbus control:
1. Protocol
   - EthernetIP
   - DHCP
2. Address settings
   - 192.10.128.0
   - Subnet 23

Standard (2-wire)
AI1: Speed / freq.(0...10V)
DI1: Start / Stop
DI2: Forward / Reverse
DI3: Constant speed/freq. sel1
DI4: Constant speed/freq. sel2
DIO1: Ramp pair selection
DIO2: Ready run

AC500 Modbus RTU
Protocol: Modbus RTU
Node Address: 1
Baud rate: 3 (19,2 kbit/s)
Parity: 2 (8E1)

For the full manual, go to:
3AXD50000022224 Rev. C EN

Warnings/Faults
Warning  Fault  Description
A2A1  2281  Warning: Current calibration is done at the next start. Fault: Output phase current measurement fault
A2B1  2310  Overcurrent. The output current is more than the internal limit. This can be caused by an earth fault or phase loss.
A2B3  2330  Earth leakage. A load unbalance that is typically caused by an earth fault in the motor or the motor cable.
A2B4  2340  Short circuit. There is a short circuit in the motor or the motor cable.
A3A1  3130  Input phase loss. The intermediate DC circuit voltage oscillates.
A3A2  3181  Cross connection. The input and motor cable connections are incorrect.
A3A3  3210  DC link overvoltage. There is an overvoltage in the intermediate DC circuit.
A3A2  3220  DC link undervoltage. There is an undervoltage in the intermediate DC circuit.
A3A3  3381  Output phase loss. All three phases are not connected to the motor.
A5A0  5091  Safe torque off. The Safe torque off (STO) function is on.
AFF6  Identification run. The motor ID run occurs at the next start.
A81   Safe torque off 1. The Safe torque off circuit 1 is broken.
A82   Safe torque off 2. The Safe torque off circuit 2 is broken.