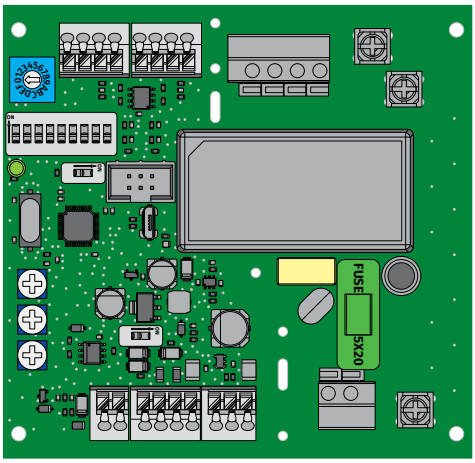
TwinBox EC Controller

RS-485 (Modbus)

Compatible with Blauberg TwinBox EC equipped with EC motors
(Output signal 0–10 V)



Use

- Allows tracking the motor failures and signalling them, as well as automatically switching the unit to operation with a functioning motor.

Controller functions

- Automatic alternation of the active fan with preset switching period.
- Forced constant operation of the fan A.
- Forced constant operation of the fan B.
- Fan alarm. The failed fan is switched off, the second fan is switched on. The controller generates an error signal and corresponding indication.
- Fan speed control.
- Boost mode increases the speed of the fan. It is possible to set the speed which the fans will run in this mode.
- Test mode. Automatic alternation of the active fan with a period.
- Checking motors at start-up.
- Possibility of connection to BMS.
- Possibility of connecting an external 0–10 V sensor.
- Possibility of connecting an external NO/NC sensor

