

Electrical connections EC L7)

Technical features:

- PFC (active)
- Integrated PID controller
- Control input 0-10 VDC / PWM
- Input for sensor 0-10 V or 4-20 mA
- Slave output 0-10 V max. 3 mA
- Output 20 VDC ($\pm 20\%$) max. 50 mA
- Output 10 VDC (+10 %) max. 10 mA
- RS485 MODBUS
- Alarm relay
- Line undervoltage detection
- Motor current limitation
- Over-temperature protected electronics / motor
- Locked-rotor protection
- Soft start



Connector	Connection	Assignment / function
PE	PE	Protective earth
KL1	N	Mains 50/60 Hz. neutral
	L	Mains 50/60 Hz. phase
KL2	NC	Status relay, floating status contact, break with error
	COM	Status relay, floating status contact, changeover contact, common connection (2 A, 250 V, min. 10 mA, AC1)
	NO	Status relay, floating status contact, close with error

Connector	Connection	Assignment / function
KL3	OUT	Master output 0-10 V max. 3 mA
	GND	GND
	0-10 V / PWM	Control / Actual value input (Impedance 100 k Ω)
	+10 V	Supply for external potentiometer, 10 VDC (+10 %) max. 10 mA
	+20 V	Supply for external sensor, 20 VDC ($\pm 20\%$) max. 50 mA
	4-20 mA	Control / Actual value input
	0-10 V / PWM	Control / Actual value input
	GND	GND
	RSB	RS485 interface for MODBUS RTU; RSB
	RSA	RS485 interface for MODBUS RTU; RSA
	RSB	RS485 interface for MODBUS RTU; RSB
	RSA	RS485 interface for MODBUS RTU; RSA