

EBERLE

Modulating Controllers

Modulating Controller Range with Digital Display

Attractive design High precision Robust reliability

KLR-E 517 7801

Applications:

- Air Handling Units (Modulating Water Valves)
- Air Ducted Systems (Damper actuators)



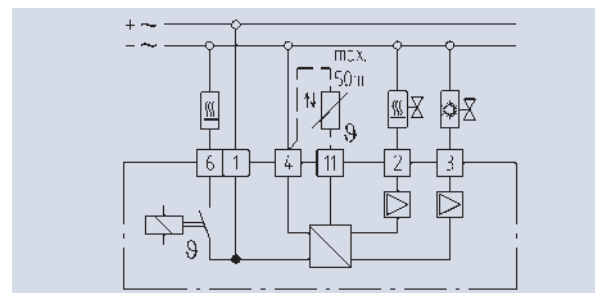
Technical Data

Operating Voltage	AC/DC 24V 50/60Hz
Switching Current	6 A $\cos\varphi=1/3$ A $\cos\varphi = 0,6$
Contact configuration	0...10 V DC SPST
Load	Proportional Max 3mA Heating 24 V AC/DC 24V 3(2)A
Temperature range	5...30°C, with 0,5k resolution
Temperature sensor	NTC Internal
Proportional Band	1,5 K fixed
Neutral Zone	~0,5...7,5 K adjustable (via the push buttons)
Housing Protection	IP30 insulated
Type	KLR-E 517 7801
Article Code	517 7801 21 100
Remote sensor (optional)	F 193720 (Article code 000 193 720 000)

Characteristics

Outputs	Cool Proportional 0...10V DC, 3mA Heat Proportional 0...10V DC, 3mA Heat ON/OFF (alternative Electric-Heater)
Inputs	Remote Temperature Sensor

Wiring diagram



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KLR-E 517 7805

Applications:

- Air Ducted Systems/ Fan Coil Units with continuous fan



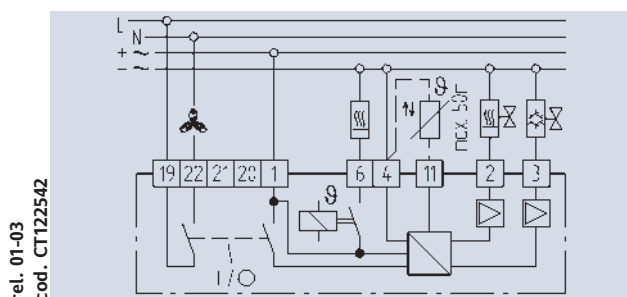
Characteristics

Switches	Mains ON/OFF
Outputs	Cool Proportional 0...10V DC, 3mA Heat Proportional 0...10V DC, 3mA Heat ON/OFF
Inputs	Continuous Fan Speed Remote Temperature Sensor

Technical Data

Operating Voltage	AC/DC 24V 50/60Hz
Fan Operating Voltage	AC 24...240V 50/60Hz (20...264 V)
Contact configuration	0...10 V DC SPST
Switching Current	≤ 6 A $\cos\phi = 1/3$ A $\cos\phi = 0,6$
Load	Proportional Max 3mA Heating 24 V AC/DC 24V 3(2)A
Temperature range	5...30°C, with 0,5k resolution
Temperature sensor	NTC Internal
Proportional Band	~0,5...7,5 K adjustable (via the push buttons)
Neutral Zone	1,5 K fixed
Housing Protection	IP 30 (insulated)
Type	KLR-E 517 7805
Article Code	517 7805 21 100
Remote sensor (optional)	F 193720 (Article code 000 193 720 000)

Wiring diagram



KLR-E 517 7810

Applications:

- Air Ducted Systems/ Fan Coil Units with 3 fan speed



Characteristics

Switches	Mains ON/OFF Fan Speed High/Medium/Low
Outputs	Cool Proportional 0...10V DC, 3mA Heat Proportional 0...10V DC, 3mA Heat ON/OFF
Inputs	Remote Temperature Sensor

Technical Data

Operating Voltage	AC/DC 24V 50/60Hz
Fan Operating Voltage	AC 24...240V 50/60Hz (20...264 V)
Contact configuration	0...10 V DC SPST
Switching Current	≤ 6 A $\cos\phi = 1/3$ A $\cos\phi = 0,6$
Load	Proportional Max 3mA Heating 24 V AC/DC 24V 3(2)A
Temperature range	5...30°C, with 0,5k resolution
Temperature sensor	NTC Internal
Proportional Band	~0,5...7,5 K adjustable (via the push buttons)
Neutral Zone	1,5 K fixed
Housing Protection	IP 30 (insulated)
Type	KLR-E 517 7810
Article Code	517 7810 21 100
Remote sensor (optional)	F 193720 (Article code 000 193 720 000)

Wiring diagram

