

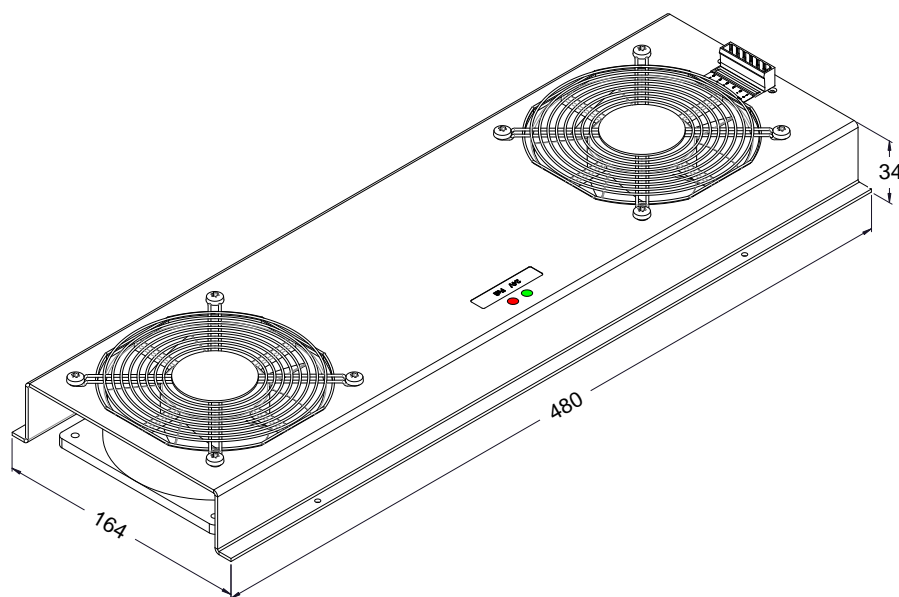


## K 9202B

### K 9202B Cabinet Fan

The K 9202B cabinet fan is a suction fan equipped with the following components:

- 2 axial fans
- Redundant supply
- Fan operation monitoring
- Voltage monitoring



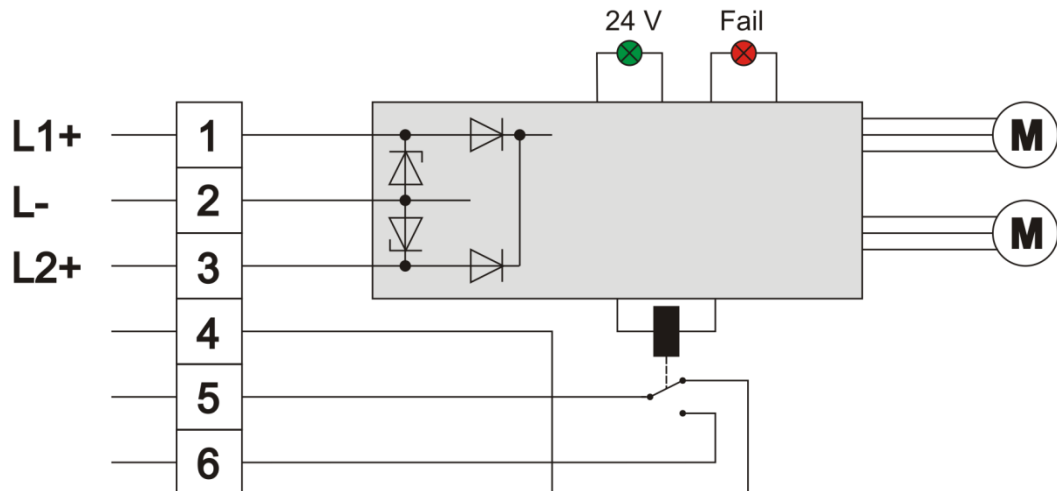
**Application:** Ventilation of the control cabinet. Air is sucked out of the control cabinet.

**Installation site:** Below the cut-out on top of the control cabinet.

**Accessory:** Standard cabinet equipped with ventilation grilles and mounting material for cut-out on top of the control cabinet.

**Specifications:**

Material	Aluminum, anodized
Operating data	24 VDC, -15...+20 %, $r_{pp} \leq 15$ % max. 500 mA
Air flow	200 m <sup>3</sup> per hour
Rated speed	2800 min <sup>-1</sup>
Sound pressure level	approx. 50 dB(A)
Lifetime at 40 °C	62 500 h
Weight	1.2 kg
Ambient temperature	-20...+70 °C

**Block diagram:**

The fault relays contacts can be used to connect optical and acoustic detectors with current input p to 1 A.

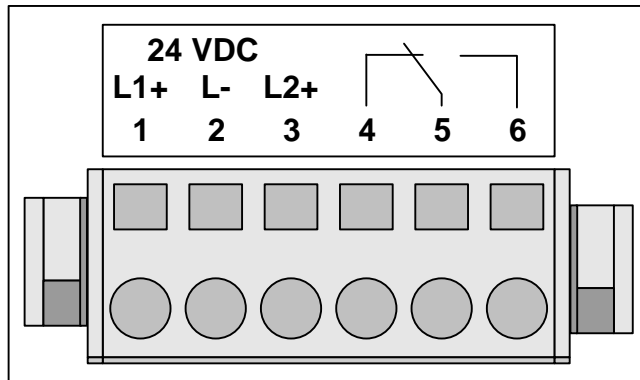
**Operation and error indicators:**

Operating state	Connector plug, pins 4 and 5	Connector plug, pins 5 and 6	LED Fail	LED 24 V
No fault	Open	Closed	OFF	ON
Operating voltage < 20.4 V or > 28.8 V	Open	Closed	OFF	BLINKING
Operating voltage is missing or fuse is defective	Closed	Open	OFF	OFF
Fan malfunction *	Closed	Open	ON	ON

\* Fan speed < 75...85 % of the rated speed

**Connector plug:**

The connector plug is used to connect the cabinet fan to the power supply. A redundant power supply can be connected to terminal 3. Optical and acoustic detectors can be connected to terminals 4...6.



The following wires can be connected:

Wire	Cross-section	Connection
Single-wire	0.08...2.5 mm <sup>2</sup>	Spring-cage terminal *
Finely stranded	0.25...1.5 mm <sup>2</sup>	Spring-cage terminal *
Finely stranded with wire end ferrule	0.25...2.5 mm <sup>2</sup>	Spring-cage terminal *

\* Actuation tool (screwdriver slotted 3.5 x 0.5 mm)