

Type	DI	DO	AI	AO	Comm
C-VT-0102B			1 × temperature	2 × fan	CIB

Basic features

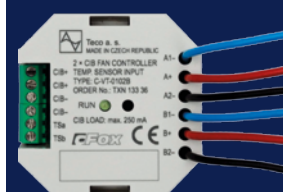
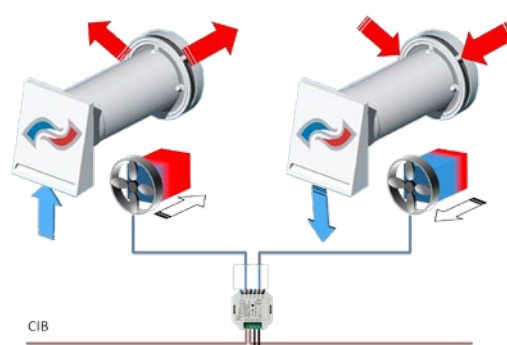
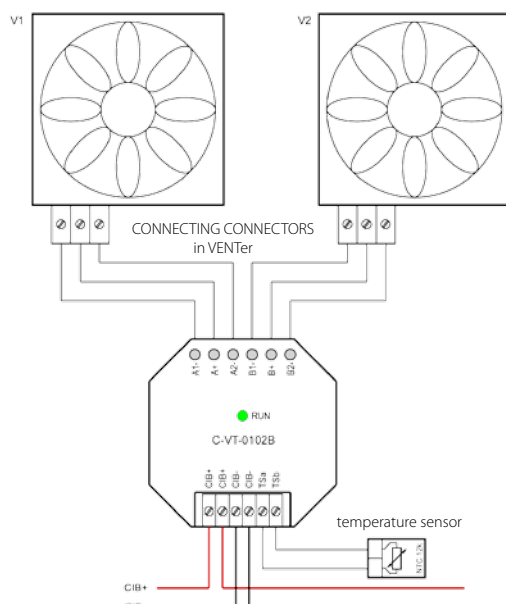
- Module is designed for proportional control of speed and rotation direction of two fans in heat recovery system inVENTer®
- Both fans are powered from the CIB bus.
- Module on CIB bus acts as two analog outputs 0 – 100% and one analog input for interior temperature measurement.
- Status is indicated by LED on module.

Connection

- Module is connected to CIB bus by two wires. CIB provides both communication and power supply.
- Each fan is connected by 3 wires.
- Two screw type terminals are used for connection of temperature sensor.

Connection example

Connection of two fans and one temperature sensor



C-VT-0102B

Outputs for fans

No. of outputs	2 ×
Output voltage	± 7..15 V DC, ± %
Output current	Max. 200 mA

Operating conditions

Operating temperature	0 .. +70 °C
Storage temperature	–25 °C..+85 °C
Electric strength	according EN 60730
IP Degree of protection (IEC 529)	IP 10B
Overvoltage category	II
Degree of pollution IEC EN60664-1:2008	1
Working position	any
Installation	into installation box, under cover
Connection of CIB, AI	screw terminals, max. 1.5 mm ²
Outputs for fans	6 × wire H05 VK, 0.5 mm ²

Analog input

Sensor type	Range	Basic accuracy
NTC 12k	–40 .. 90 °C	0.6 °C
Resistance	0 – 100 kΩ	

Dimensions and weight

Dimensions	50 × 50 × 27 mm
Weight	38 g

Power supply

Power supply and communication	24 V (27 V) from CIB bus
Typical/max. load from CIB	250 mA
Typical/max. input power form CIB	4 W/6 W
Internal protection	Recovering fuse

Order number

TXN 133 36	C-VT-0102B, CIB, 2 × fan drive for inVENTer (± 15 V DC); 1 × AI for temperature sensor
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