



# Relink-2c

## Electronic Step Controller

The Relink-2c enables ventilation control by sequentially switching fans on and off (cascade) based on a 0-10V input. The maximum total current is 10 Amps (total for the five relays). To deal with currents higher than 10 Amps, or to drive three-phase fans, additional contacts could be necessary.

### Benefits

- Low investment
- Easy to install
- Easy to operate
- Applicable for both new and existing ventilation systems

### Features

- Control for sequentially switching fans on and off in 5 stages through a 0-10V input
- 12V dc output for direct potentiometer control (to drive the controller directly)
- Time delay of 5 seconds between the switching of the steps to prevent high starting currents
- Built-in voltage and current protection
- Emergency connection to step 2 in case of power failure

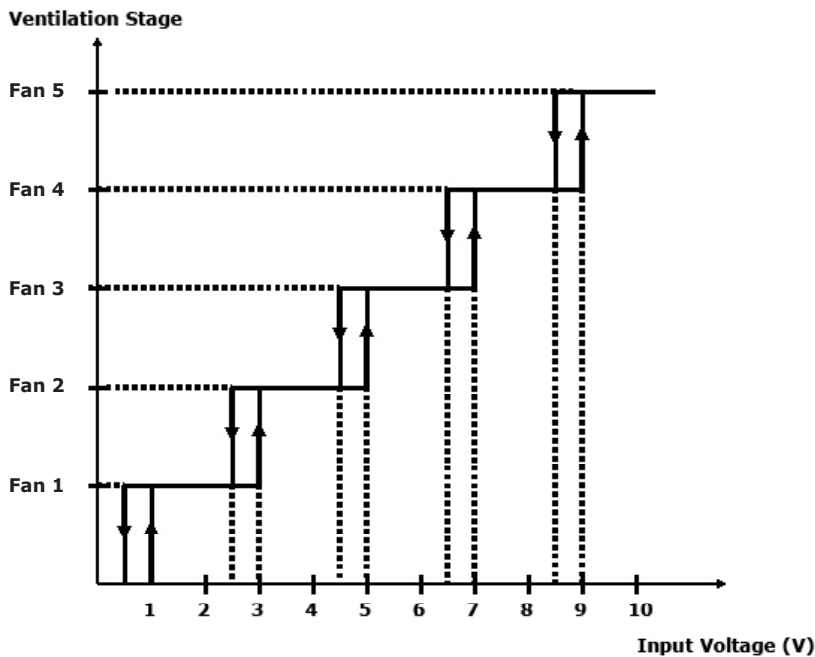


Inputs	Adjustments	Outputs
Control signal <ul style="list-style-type: none"> <li>• 0-10 V or 10-0V</li> <li>• potentiometer</li> </ul>	Not applicable	Ventilation control  12 V dc for direct potentiometer speed control

## Specifications Relink-2c

Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Electronic Step (relays)
Mains supply	207	230	253	V	Single-phase
Mains frequency	50		60	Hz	
Input speed control	0 10		10 0	V V	Adjustable with DIP switch
Input impedance		25		kΩ	
Input accuracy		±1		%	
Fan output stages	1		5		
Fan current	0,5		10	A	In total (cumulative)
Optional potentiometer value	1	10	50	kΩ	For manual control
Housing					IP54 plastic housing
Weight (unpacked)		2		kg	
Dimensions (W x H x D)		267 x 225 x 104		mm	
Operational temperature	0		40	°C	
Storage temperature	-15		50	°C	
Ambient relative humidity			95	%	

## Control Diagram Relink-2c (0-10V input)



**Vostermans Ventilation developed the open modular system Mf-Net for various applications. Mf-Net is applied in agricultural and industrial market segments.**



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