



# Relink-2s

## Electronic Step Controller

The Relink-2s enables the drive of a step transformer through a 0-10V signal. It is especially designed to control Mf-Net transformers (such as the STW-A, the STD-A and the SEA). The Relink-2s can also control non Mf-Net single phase transformers up to 10 Amps. To deal with currents higher than 10 Amps or with three-phase transformers, additional contactors could be necessary.

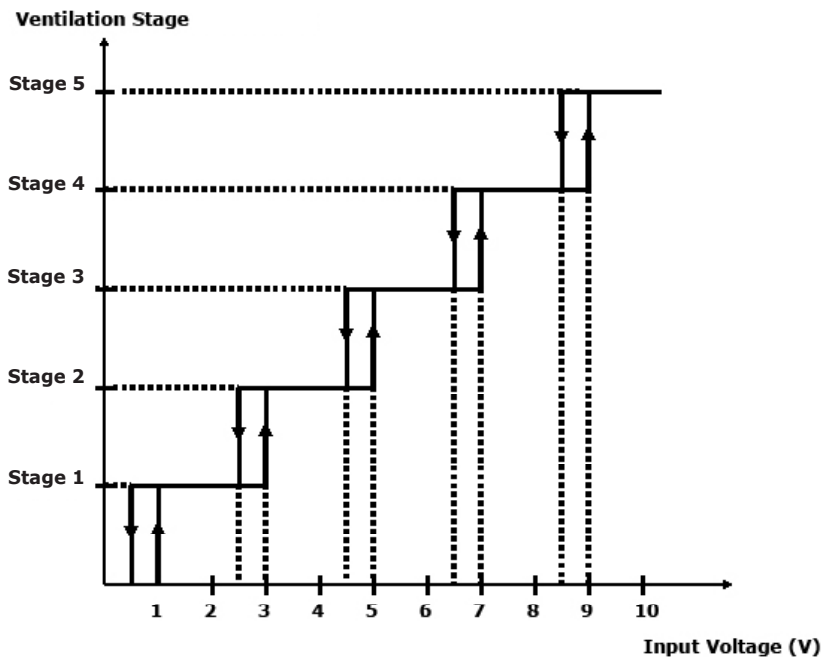
<p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Low investment</li> <li>• Easy to install</li> <li>• Easy to operate</li> <li>• Applicable for both new and existing ventilation systems</li> </ul> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• 5-step speed control for fans (in combination with a Mf-Net automatic transformer)</li> <li>• Built-in 1 second delay before switching to prevent short circuiting of the transformer</li> <li>• 12V dc output for direct potentiometer control (to drive the controller directly)</li> <li>• Built-in voltage and current protection</li> <li>• Emergency connection in case of power failure (Step 2 will be connected)</li> </ul>	
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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-2s

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	V	Adjustable with DIP switch
	10		0	V	
Input impedance		25		k $\Omega$	
Input accuracy		$\pm 1$		%	
Fan output stages	1		5		
Fan current	0,5		10	A	All relays together
Optional potentiometer value	1	10	50	k $\Omega$	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	$^{\circ}\text{C}$	
Storage temperature	-15		50	$^{\circ}\text{C}$	
Ambient relative humidity			95	%	

## Control Diagram Relink-2s (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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