



Trilink-2t

Electronic Continuously Variable Triac Controller

The Trilink-2t enables continuously variable speed control for single-phase fans based on a 0-10V input signal. The Trilink-2t can also be configured to control heat lamps or lighting. The maximum output current is 12.5 Amps.

Benefits

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

Features

- Continuously variable speed control for fans up to a total of 12.5 Amps
- Adjustable minimum output voltage
- 12V dc output for direct potentiometer control (to drive the controller directly)
- 10 Amps relay contact for controlling fans with 3-wire connection for smoother fan operation.
- Built-in voltage and current protection
- 100% override switch



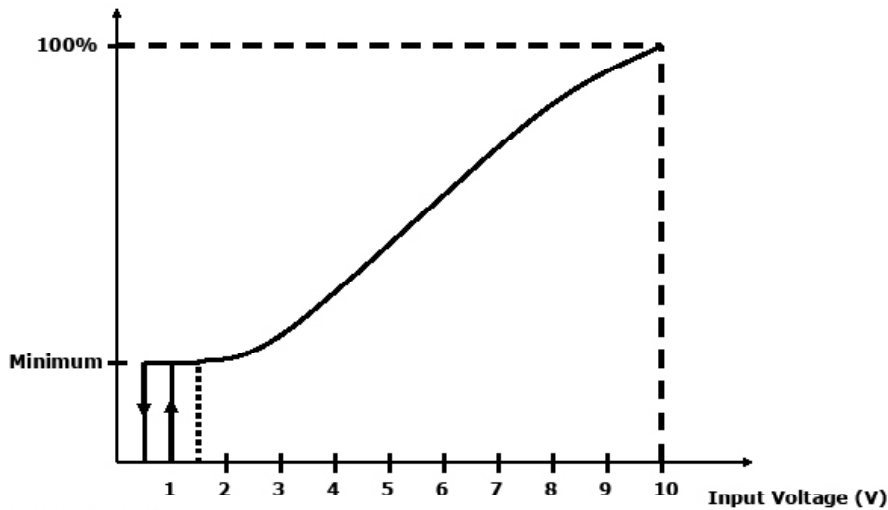
Inputs	Adjustments	Outputs
Control signal <ul style="list-style-type: none"> • 0-10 V or 10-0V • Potentiometer 	Configurable by DIP switch: <ul style="list-style-type: none"> • Fans • Heat lamps or lighting 	Fan motor / Heat lamps / Lights connection 12 V dc for direct potentiometer speed control Relay contact , ON / Off (10 Amps)

Specifications Trilink-2t

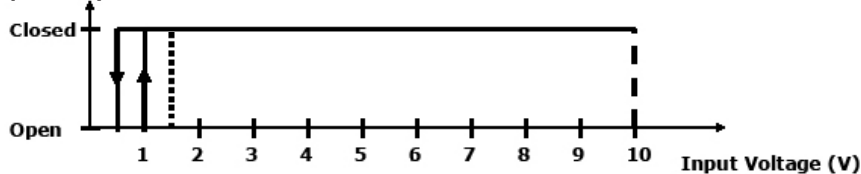
Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Electronic Continuous Triac
Mains supply V_{in}	207	230	253	V	Single-phase
Mains frequency	50		60	Hz	
Fuse F1 (fan output)		16	A		F, Size 5 x 20 mm
Input speed control	0 10		10 0	V V	Adjustable with DIP switch
Input impedance		25		k Ω	
Input accuracy		± 1		%	
Fan output voltage	0		$V_{in}-5$	V	
Fan output current	0,5		12,5	A	
Output Power			2875	VA	
Output relay contact			10	A	for 3-wire fan connection
Optional potentiometer value	1k	10	50	k Ω	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	$^{\circ}$ C	
Storage temperature	-15		50	$^{\circ}$ C	
Ambient relative humidity			95	%	

Control Diagram Trilink-2t

Ventilation Output Value (V)



Output Relay Contact Status



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



VOSTERMANS VENTILATION

Vostermans Ventilation B.V.
P.O. Box 3025
NL-5902 RA Venlo – Holland
Tel. +31 (0)77 389 32 32
Fax +31 (0)77 382 08 93
ventilation@vostermans.com
www.vostermans.com

Vostermans Ventilation S.A.R.L.
B.P. 1801
27018 Evreux Cedex
France
Tel. +33 (0)2 32 38 11 00
Fax +33 (0)2 32 33 37 12
ventilation@vostermansfrance.com
www.vostermans.com

Vostermans Ventilation Inc.
2439 S.Main St. – USA
Bloomington, IL 61704
Tel. +1 309 827 - 9798
Fax +1 309 829 - 1993
ventilation@vostermansusa.com
www.vostermansusa.com

Vostermans Ventilation Sdn. Bhd.
330, Lot 2593, Jln Seruling 59, Kws3,
Tmn Klang Jaya, 41200, Klang,
Selangor D.E., Malaysia
Tel. +60 (0)33324 3638 (HL)
Fax +60 (0)33324 1239
ventilation@vostermansasia.com
www.vostermans.com

Vostermans Ventilation B.V. develops, manufactures and distributes the full line of:



All rights reserved. Vostermans Companies is not responsible for inaccurate or incomplete data. In case of questions and / or regards, please contact ventilation@vostermans.com

Subject to alterations 05/2012