



Transformator snelheidsregelaar 1 fase

Five-step transformer speed controller for the speed control of alternating current fans

- Can be used for controlling the power of all speed-controllable 1~ alternating current fans.
- Four secondary voltage in the gradations 80 / 100 / 130 / 170 and 230 V (full mains voltage) allow five fan performance levels.
- Multiple different fans can be connected to one control unit until the rated load capacity is reached.

■ Advantages

- Advantageous price/performance ratio.
- Low fault susceptibility.
- Low-loss and low-noise fan operation.
- Uncontrolled output for connection of indicator lights or shutter for MWS-, TSW- (from type TSW 1.5)

■ Surface-mounted unit design

- Robust ISO casing, light grey, made of break-resistant plastic in protection category IP54. Types from TSW 7,5 and MWS 10 made of steel, lacquered twice, protection category IP54.
- Built-in operating switch for five speeds and activation/deactivation.
- Operation indication via indicator lights.
- Dip impregnated autotransformer T 40 E.
- Design complies with DIN VDE 0550.
- Max. permissible ambient temperature + 40 °C.
- Delivered ready for operation, simple connection to terminal board.

■ Integral transformer design

- Mounted terminal block for five voltage taps.
- Mounted angled rails for simple attachment.
- Dip impregnated autotransformer T 40 E.

- For surface-mounted installation
1~ altern. current, 230 V



- Transformer speed control. TSW
For one or more alternating current fans.

Type	Ref. no.	I max. A	Dim. mm		
			B	H	T
TSW 1.5 ¹⁾	01495	1.5	115	205	100
TSW 3.0 ²⁾	01496	3.0	170	255	140
TSW 5.0 ²⁾	01497	5.0	170	255	140
TSW 7.5 ²⁾	01596	7.5	200	305	140
TSW 10 ²⁾	01498	10.0	300	325	185

Wiring diagram no. ¹⁾ 1494 ²⁾ 1495

- With motor protection circuit breaker
1~ alternating current, 230 V
For surface-mounted installation



- Transformer speed controller MWS with motor protection circuit breaker

Five-step speed controller with integrated triggering device for 230 V, 1~ fans. For connection of external thermal contacts on terminal board. Connection of multiple fans possible up to the rated load. All fans deactivated when thermal contact reacts. With step switch and indicator lights. Recommissioning after fault or mains disconnection via "0" position.

Type	Ref. no.	I max. A	Casing IP54 made of	Dim. mm			Wiring diagram
				W	H	D	
MWS 1,5	01947	1.5	Plastic	205	115	100	1488
MWS 3	01948	3.0	Plastic	255	170	140	1489
MWS 5	01949	5.0	Plastic	255	170	140	1489
MWS 7,5	01950	7.5	Plastic	305	200	140	1489
MWS 10	01946	10.0	Steel	325	300	185	1489