



EAN code  
 TER-3E: 8595188138437  
 TER-3F: 8595188138444

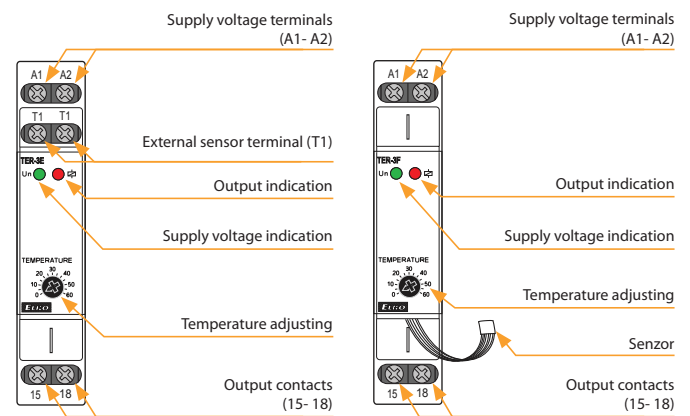
Technical parameters	TER-3E	TER-3F
Function:	single level	
Supply terminals:	A1-A2	
Voltage range:	AC/DC 24 - 240 V (AC 50/60 Hz)	
Burden:	max. 2 VA/1 W	
Max. dissipated power (Un + terminals):	2.5 W	
Supply voltage tolerance:	- 15 %; +10 %	
<b>Measuring circuit</b>		
Measuring terminals:	T1 - T1	x
Temperature range:	0 to +60 °C/(32 °F to 140 °F)	
Hysteresis:	fixed 1 °C/(1.8 °F)	
Sensor:	thermistor NTC	in-built
Sensor fault indic. (short-circuit/disconnection):	flashing red LED	
<b>Accuracy</b>		
Setting accuracy (mech.):	5 %	
Switching difference:	0.5 °C (0.9 °F)	
Temperature dependance:	< 0.1 %/°C (°F)	
<b>Output</b>		
Number of contacts:	1x NO - SPST (AgSnO <sub>2</sub> )	
Current rating:	16 A/AC1, 10 A/24 V DC	
Breaking capacity:	4000 VA/AC1, 300 W/DC	
Switching voltage:	250 V AC/24 V DC	
Output indication:	red LED	
Mechanical life:	30.000.000 operations	
Electrical life (AC1):	70.000 operations	
<b>Other information</b>		
Operating temperature:	-20 °C to 55 °C (-4 °F to 131 °F)	
Storage temperature:	-30 °C to 70 °C (-22 °F to 158 °F)	
Dielectrical strength:	2.5 kV (supply - output)	
Operating position:	any	
Mounting:	DIN rail EN 60715	
Protection degree:	IP40 from front panel/IP10 terminals	
Overvoltage category:	III.	
Pollution degree:	2	
Max. cable size (mm <sup>2</sup> ):	solid wire max. 2x 2.5 or 1x 4 with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12) 90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")	
Dimensions:	64 g (2.3 oz.)	60 g (2.1 oz.)
Weight:	EN 60255-1, EN 60255-26, EN 60255-27, IEC 60730-2-9	
Standards:		

#### Example of an order

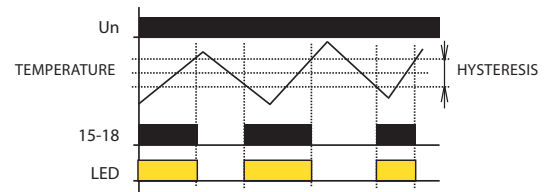
Please specify a type of thermostat in your order (TER-3E, TER-3F).

- Single thermostat for temperature monitoring and regulation in range 0 to +60 °C (32 °F to 140 °F).
- It can be used for temperature monitoring e.g. in switchboards, heating systems, liquids, radiators, motors, devices, open spaces, etc.
- Fixed hysteresis at 1 °C/(1.8 °F).
- TER-3E: choice of external temperature sensors with double insulation in standard lengths 3 (9.8'), 6 (19.7') and 12 m (39.4').
- TER-3F: sensor is a part of device, serves for monitoring temperature in a switchboard.

#### Description

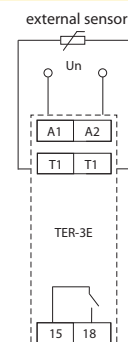


#### Function

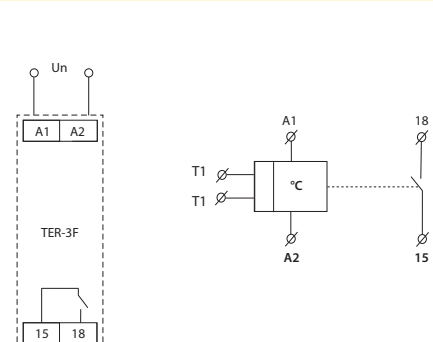


It is a single thermostat for temperature monitoring with separated sensor (except for TER-3F). Device is located in a switchboard and external sensor senses temperature of required space, object or liquid. Supply is not galvanically separated from sensor but sensor is double insulated. Maximal length of sensor cable is 12 m (39.4'). Temperature sensing is decreased by set hysteresis. When installing it is necessary to keep in mind that hysteresis is increased by temperature gradient between sensor's jacket and thermistor.

#### Connection



#### Symbol



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