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!!!NEW!!!

TEMPERATURE CONTROL UNIT FOR WALL MOUNTING WRW-200 SERIES

Safety ↑
timer function
Energy ↓

2011-02

TEMPERATURE CONTROL UNIT FOR WALL MOUNTING WRW-200 SERIES

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Applications:

For simple control of electrical heating systems. Temperature controller or temperature controller/limiter combination

Structure:



Standard equipment

- Robust housing with separate terminal cover and transparent hinge cover IP 54
- Universal power supply 90 ... 250 V, 50 ... 60 Hz
- LCD graphic display with polychrome background lighting
- Single button operation (incremental encoder)
- Text-prompted menu navigation
- Low-wear relay in hybrid circuit 10 A / 16 A
- **Timer function with buffered real-time clock**
- PID control with self-optimisation or thermostat function
- Operating hours meter

Suitable for all heating systems with type Pt100, Pt1000 sensors, type K and type J thermocouples

Communication module option

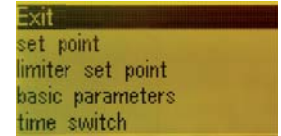
Can be used in process documentation

- 2 inputs / 3 outputs incl. 1 x additional screw connection
- Logic input for start/stop, remote reset, configurable setpoint switchover
- Analog input 4...20 mA for external setpoint default
- Analog output 4...20 mA as actual value output
- Floating signal contact (configurable general fault signal)
- Control output 0/12 VDC for external SSR

Display examples



Operation aid



Selection



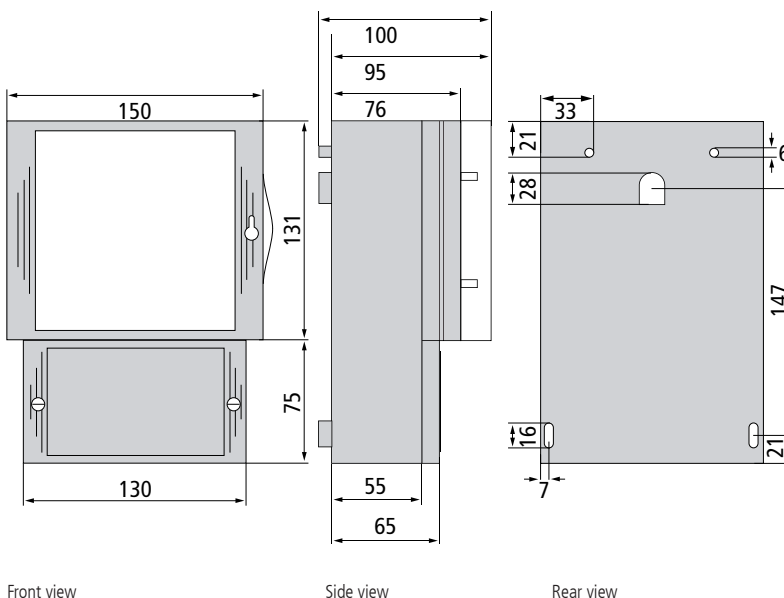
Standard operation



Over heat Display

DIMENSIONS AND TECHNICAL DATA

Dimensions



Front view

Side view

Rear view

Technical data	
Rated voltage	90...250 V
Switching output	10 A relay (low-wear hybrid circuit) 16 A relay (low-wear hybrid circuit)
Internal fuse	T 10 A / 250 V (16 A version without fuse)
Sensor types	Pt100 / Pt1000 / type J and type K thermocouples
Setpoint range	-100...1000 °C
Display	Monochrome LCD graphic display 64 × 128 pixel
Functions (depending on version)	Two-step controller with thermostat function Two-step controller (PID controller) Temperature controller/limiter combination
Housing	ABS light grey, transparent cover
Dimensions	H 206 × W 150 × D 100 mm
Protection standard	IP 54 (splashproof and dust protected) when transparent cover is closed correctly
Ambient temperature	0...50 °C
Mains connection	1.5 m mains cable with "Schuko" plug (CEE 7/7)
Heating circuit connection	depending on version
Communication module (option)	<ul style="list-style-type: none"> · "Logic input for start/stop, remote reset, · configurable setpoint switchover · Analog input 4...20 mA (setpoint value) · Analog output 4...20 mA (actual value) · Signal contact (e.g. configurable as general fault signal) · Control output 0/12 VDC for external SSR"
Weight	· 1,6 kg

10 A Units		16 A Units			20 A Units
Controller 10 A Terminal connections WRW00220-UNIXW000 Selectable sensor 285,00 €	Controller 10 A 6+PE plug-in solution WRW00210-UNIPM000 (for Pt100 or Pt1000) WRW00210-UNIKJ000 (for TE* type K or type J) 305,00 €	Controller 16 A Terminal connections WRW00223-UNIXW000 Selectable sensor 365,00 €	Controller 16 A 4+PE plug-in solution WRW00213-UNIPM000 (for Pt100 or Pt1000) WRW00213-UNIKJ000 (for TE* type K or type J) 385,00 €		Controller 20 A ready for connection 4+PE WRW00214-UNIPM000 (for Pt100 or Pt1000) WRW00214-UNIKJ000 (for TE* type K or type J) 585,00 €
Controller/Limiter 10 A Terminal connections WRWB0220-UNIWW000 2 selectable sensor 395,00 €	Controllers/Limiter 10 A 6+PE plug-in solution WRWB0210-UNIZP000 (for 2x Pt100 or Pt1000) WRWB0210-UNIZK000 (for 2x TE* type K or type J) 415,00 €	Controller/Limiter 16 A Terminal connections WRWB0223-UNIWW000 2 selectable sensor 475,00 €		Controller/Limiter 16 A plug-in solution 10 pol. WRWB0213-UNIZP000 (for 2x Pt100 or Pt1000) WRWB0213-UNIZK000 (for 2x TE* type K or type J) 525,00 €	
* Thermocouple					
Communication module option 70.00 € surcharge code „-UNIXW00K“					

ACCESSORIES

WRZ200KG (yellow) WRZ200KR (red) Labelling of terminal cover with sticker (10 × 6 cm) on customer request Colour: yellow or red 12,00 €	WRZ200MP Stainless steel fixing plate with 2 stainless steel bands and locks → for fixing to pipes, etc 55,00 €	WRZ200BA Stainless steel fixing plate on small stainless steel pipe bracket → for floor set-up 108,00 €	WRZ00226 External SSR module for DIN rail mounting → for wear-free actuation of heating circuits up to 600 V / 50 A 82,00 €

Winkler GmbH is an independent, medium-sized company located in Heidelberg (Germany). For more than 30 years we have been developing and manufacturing a broad range of electric heating solutions for industry and laboratory applications.

We supply reliable and durable products made of high-quality materials.

We are the right partner for innovative and quick answers to your requirements. Customized solutions and flexible manufacturing are our particular strengths. Our experienced specialists will offer you sound advice and - together with you - develop the heating solution tailored to your application.

Winkler - Your heating solution!



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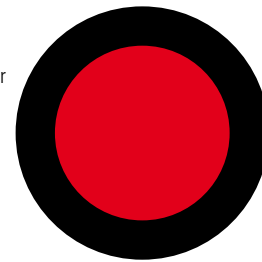


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Our product range



Company presentation



Heated lines & heated hoses



Atex Heated lines



Atex Controller-limiter-and power selector



Heated wall bushings



Heated hoses



Heating jackets



Silicone heaters & heating foils



Laboratory heaters



Drum and IBC heaters



Heating Solutions for Rail Applications

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