

EBERLE

Universal Temperature Controller UTR (two in one*)



Features:

- For universal applications in rough environments such as swimming pools, industry, agriculture, gardening etc
- Degree of protection: IP 65
- 16 A (250 V AC) directly switchable
- Suitable for switching safety extra-low voltage (SELV)
- Hysteresis (switching differential) from 1 ... 10 K or 1 ... 20 K adjustable
- Temperature set-back possible via external timer
- Can be used for heating as well as for cooling applications
- Temperature range $-40 \dots 160 \text{ }^{\circ}\text{C}$ divided over 4 controller versions
- Temperature sensor for different requirements available, extendable up to 100 m max.
- Status indication for relay ON and sensor fault
- Sensors identical with ITR 3 (ITR 5)
- Easily changeable to adjustment inside housing, affording reduced inventory *

Technical data:

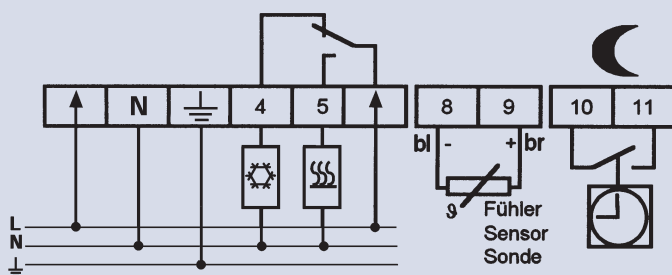
Order designation	UTR I ...
EDP-No.:	0524 72 ...
Supply voltage	230 V AC (207 ... 244 V), 50/60 Hz
Switching current (at 250 V AC)	max. 16 A $\cos \varphi = 1$; 4 A $\cos \varphi = 0,6$
Switching contact	1 x Relay changeover contact, volt free
Type of control	On-off controller
Hysteresis (switching differential)	adjustable, 1 ... 10 K to 100 °C 1 ... 20 K from 100 °C onwards
Temperature set-back	approx. 5 K fixed, controlled by external timer
Temperature sensor	for air, pipes, universal applications, outside mounting, sensor extendable up to 100 m max.
Power consumption	approx. 4 VA
Connections	2 x PG 11, 1 x PG 16
Degree of protection	IP 65
Protection class	II
Ambient temperature	-20 ... 40 °C
Storage temperature	-40 ... 70 °C
Weight	approx. 440 g

Control units	Temperature range	Sensors			
		standard	for pipes	for air	outside
UTR /20	-40 °C ... 20 °C	F 894 002	F 892 002	F 893 002	F 897 001
UTR /60	0 °C ... 60 °C	F 891 000	F 892 002	F 893 002	F 897 001
UTR /100	40 °C ... 100 °C	F 894 002	F 892 002	F 893 002	-
UTR /160	100 °C ... 160 °C	F 894 002	-	-	-

For sensor dimensions, see catalogue "Heating Controls"

Note: When ordering, please always specify 2 items, control unit and sensor

Wiring diagram



Dimensions:

