

Bimetal room temperature controllers

For flush installation – Design Berlin UP



Technical data

Operating voltage:	250 V~ / 50 / 60 Hz
Sensor:	bimetal
Switching current:	
Break contact	10 (4) A, VDE see circuit diagram
Changeover contact	5 (2) A, VDE see circuit diagram
at 24 V AC / DC:	1 (1) A
Setting ranges:	5 ... 30°C (note numeral scale* ... 6)
Switching difference:	approx. 0.5 K
Temperature decrease:	approx. 4 K
Degree of protection:	IP 30
Protection class:	II, after according installation
General equipment:	thermal recirculation, mechanical range suppression
Admissible air moisture:	max. 95 % r. H., non condensing
Storage temperature:	-20 ... +70°C
Radio interference suppression:	EN 60730
Ambient temperature:	0 ... 30° C
Housing colour:	pure white, similar to RAL 9010 housing cover brilliant (optional: matt #02)
Colour set accessory:	cream white, similar to RAL 1013
Housing material:	polycarbonate (PC)
Mounting / installation:	in an UP box (Ø 55 mm) – can be adapted to almost all currently available flush switch frame systems when using DIN 49075 compliant intermediate frames (current over- view available on request)
Weight:	approx. 115 g
Electrical connections:	terminal screws

Application

Control and supervision of temperatures in closed, dry rooms. Suited for all types of heating systems.


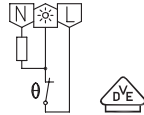

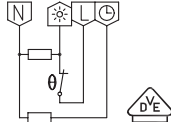

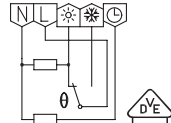

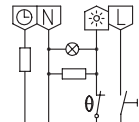
Valve: normally closed type. Normally open heating valves must, if existing, be connected to the cooling outlet of the changeover contact., e.g. FTR 101.010.

Up to max. 10 valve actuators can be connected to the break – and up to 5 actuators to the changeover contact.

Cover set available in RAL 1013!
(see page 14)

Available only in packaging units of 16 pieces.

See also "Technical terms" (as of page 164).

Model / Picture	Item No.	Equipment	Circuit diagram	PG
FTR 101.000 #21 	UA 010012	Break contact	FTR101.000 	M
FTR 101.002 #21 	UA 010115	Break contact, temperature decrease function	FTR101.002 	M
FTR 101.010 #21 	UA 010207	Changeover contact, temperature decrease function	FTR101.010 	M
FTR 101.062 #21 	UN 010800 New	Break contact, temperature decrease function, ON / OFF switch, heating indicator lamp	FTR101.062 	M