
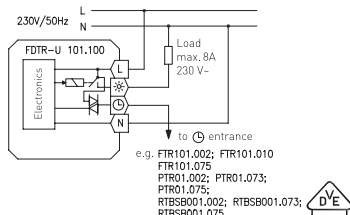


Clock controlled electronic thermostats

For flush installation – Design Berlin UP



Technical data	Application
Operating voltage: 230 V~/ 50 Hz Sensor (self-monitoring): NTC – internal Switching capacity: 8 (1) A / 230 V~ Switching contact: relay / make contact Setting range: 5 ... 30°C (scale in °C) Switching difference: < 1 K Temperature decrease: adjustable (5 ... 29°C) (factory setting 17°C)	Flush mounted controller for the time-dependent control of temperatures developed by electric and warm water heating systems (normally closed actuators). This clock controlled thermostat is equipped with a week-cycle clock and 3 individually adjustable programs (factory preset to "normal" day sequences). The device can also be used as master controller that enables to trigger the temperature decrease operations of other controllers (slaves). The controller models of the FETR, FTR and RTBSB series are particularly suitable for this purpose (operation as slave controllers). Self-learning function: Autonomous adaptation of the controller to the heating time start. Objective: Attaining of the comfort temperature at the adjusted time. The device is delivered with the self-learning function in activated condition. The self-learning function can also be deactivated. OFF function: This function puts the frost protection function out of service.
Indications: on the display, see below Degree of protection: IP 30 Protection class: II, after according installation Power reserve: 4 days Admissible air moisture: max. 95 %, non condensing Storage temperature: –20 ... +70°C Radio interference suppression: acc. to EN 60730 Ambient temperature: 0 ... 30°C Housing colour: pure white, similar to RAL 9010 Colour set accessory: cream white, similar to RAL 1013 Housing material: polycarbonate (PC) Mounting / installation: in Ø 55 mm UP box – can be adapted to almost all currently available flush switch frame systems when using DIN 49075 compliant intermediate frames (current overview available on request)	
Weight: approx. 160 g Electrical connections: terminal screws	

Model / Picture	Item No.	Equipment	Circuit diagram	PG
FDTR-U 101.000 SL/OFF #21 	UA 051008	Room temperature controller with clock: Self-learning function (can be deactivated) Frost protection function (rendered active when underrunning a temperature level of approx. 7°C) Valve protection: Active for 5 min. per week Indication: Actual value / time alternately (factory setting) Actual value or time permanently (adjustable via the menu)		A
Accessories	Item No.	Equipment	Notes	PG
Cover set RAL 1013	Set 8 - VV 000011	for FDTR-U xxx (for frame set see page 14 at FTR)	For conversion to colour RAL 1013 (cream white, electrowhite, pearl white)	M

For examples of the integration into different switch lines, see page 14.

