

EAN code - DEVICE:
ATR: 8595188125000
ATF: 8595188130165
ATC: 8595188130172

EAN code - SET:
ATR, white frame Elegant: 8595188136228
ATF, white frame Elegant, termosensor TC-3m: 8595188135870
ATC, white frame Elegant, termosensor TC-3m: 8595188135887

To devices is neccessary to order additionally - frame in design ELEGANT and external sensor (except ATR)

Technical parameters	ATR	ATF	ATC
Supply			
Power supply and tolerance:	AC 230 V ± 10 %		
Consumption, frequency:	6.5 VA/ 50 - 60 Hz		
Measuring			
Temperature range:	5 to 40 °C (41 °F to 104 °F)	5 to 50 °C (41 °F to 122 °F)	
Accuracy:	± 2 °C / 36 °F		
Hysteresis:	± 1 °C / 34 °F		
Temperature sensor:	room	floor	room + floor
Night decline:	adj. ± 7 °C / 45 °F	adj. ± 10 °C / 50 °F	fix - 5 °C / 41 °F
Offset / calibration:	adj. ± 7 °C / 45 °F	adj. ± 10 °C / 50 °F	
Setting			
Room temperature setting:	main knob	x	main knob
Floor temperature setting:	x	main knob	auxiliary button 2
Offset setting:	auxiliary button 1		
Night decline setting:	auxiliary button 2		x
Night decline switching:	internal / external	internal pushbutton	
Display			
Power supply indication:	green LED 1		
Output ON indication:	red LED 1		
Night decline indication:	red / orange LED 2	red LED 2	
Indication of faulty floor sensor:	x	LED 1 flashing	
Indication- exceeded temp. / ext. sensor:	x		LED 1 flashing
Output			
Type:	potential-free contact NO-SPST, material of contact - AgNi		
Max. loadability:	16 A / 250 V, 4000 VA for AC1		
Contact separation:	galvanic		
Mechanical life:	$3x10^7$		
Electrical life (AC1):	$0.7x10^5$		
Other information			
Operating temperature:	-10 °C to 55 °C (14 °F to 131 °F)		
Storage temperature:	-20 °C to 70 °C (-4 °F to 158 °F)		
Electrical strength:	4 kV		
Mounting:	installation box with min. depth 30 mm / 1.18˝, Ø min. 65 mm / 2.6˝		
Protection degree:	IP 30 in standard conditions*		
Max. cable size (mm^2):	solid wire 1x 2.5 / 1.5 with sleeve (AWG 12)		
Dimensions:	84 x 89 x 56.4 mm (3.3˝ x 3.5˝ x 2.22˝)		
Weight:	110 g (3.9 oz.)		
Standards:	EN 60730-2-9, EN 61010-1		

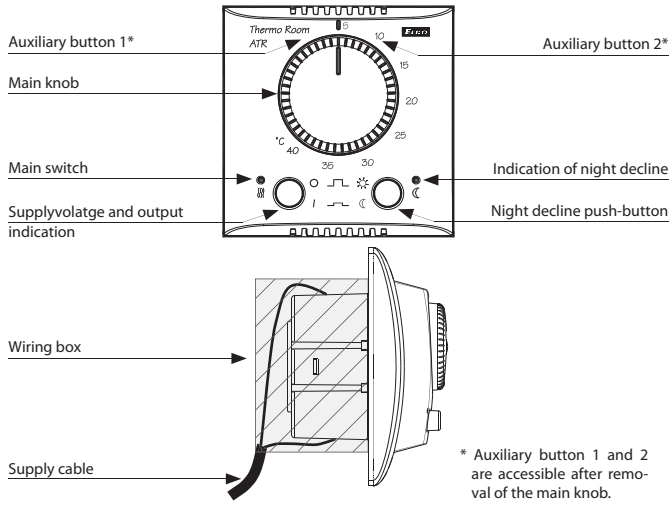
* - see page 38

Accessories

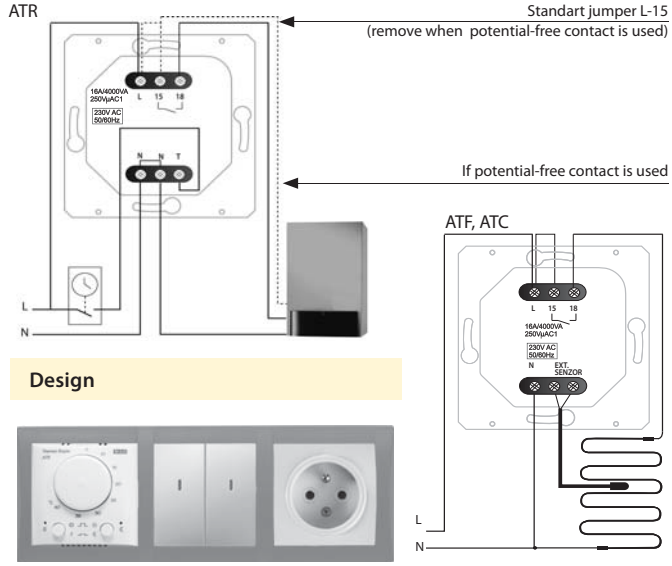
See page 114.

- **ATR** - Analog Thermo Room:
  - Room thermostat with temperature range 5 to 40 °C (41 °F to 104 °F) with a built-in sensor.
- **ATF** - Analog Thermo Floor:
  - Floor thermostat with temperature range 5 to 50 °C (41 °F to 122 °F) with external sensor.
  - Function „temporary temperature change“ in range ±10 °C (50 °F) (decreasing / increasing temperature).
- **ATC** - Analog Thermo Combined:
  - Room and floor thermostat, sensors are connected in series and block each other.
  - Function „temporary temperature change“, fix -5 °C / 23 °F (night decline).
  - Temperature range 5 to 50 °C (41 °F to 122 °F) for both sensors, adjustable separately.
  - It is possible to use it without external sensor.
- **ATR, ATF, ATC**
  - Night decline is activated by a pushbutton on device or external contact (only ATR).
  - Night decline setting is done by an auxiliary button 2 (under main button, only ATR/ATF).
  - Ofset setting (calibration ± 10 °C / 50 °F) with „known“ thermometer.
  - External sensor (TC-3. 3 m / 9.84') is a part of delivery (only ATF/ATC), it is possible to extend its length up to 100 m (328').
  - Design ELEGANT*, wide range of colors, possibility to combine more frames together.

Description



Connection



Design

Complete offer of switching devices line ELEGANT can be found in an individual catalogue ELEGANT Home switches, which can be sent to you upon request.