

Module layout



Electronic thermostat with clock for floor heating control

A. LCD display (time, temperature)

B. LED

C. LED

On/Off

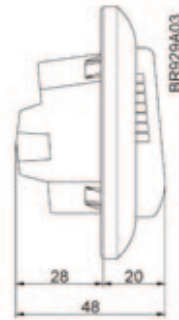
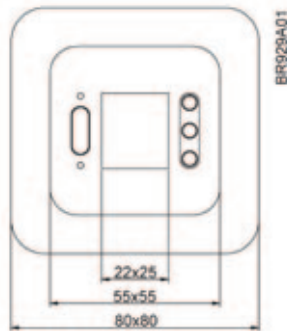
▲ Up/Back

√ Enter/Accept

▼ Down/Forward

Technical data

Operating voltage	230V ±15%, 50/60Hz
Output relay	SPST 16A, 3600W
Built-in interrupter	2-pole, 16 A
Temperature range	+5 to +40°C
Limitation of range	min./max.
Clock function	4-events program
Operation temperature	0°C to +40°C
Hysteresis	0,4 K
Back-up time (power loss)	
Protection level	IP2 1
Terminals	2,5 mm ²
Sensor type	NTC
Voltage	
Length of floor sensor lead	3 m
Diameter of floor sensor lead	5 mm
Diameter of floor sensor tip	7,3 mm



Program

Adaptive function meaning the thermostat calculates when the heating has to be switched on to ensure that the comfort temperature is obtained at required time

4-Event clock mode

- Built-in 4-event program for automatic comfort- and setback temperature
- Individual programming of events

Comfort mode

- Temporary change of temperature for a single event

Manual mode

- The scheduled event program can be deactivated e.g during holidays, in stead the temperature can be adjusted to 5°C for frost protection

Monitoring of energy consumption

Tyco Thermal Controls requires the use of a 30 mA RCD and a C-type circuit breaker to provide maximum safety and protection from fire.



System references



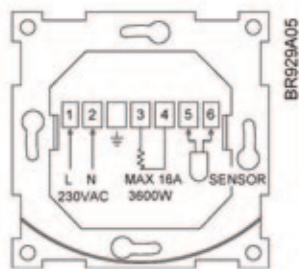
- Floor heating mat T2QuickNet-plus 160
- Floor heating mat T2QuickNet-90
- T2Red – self regulating heating cable
- T2Reflecta + T2Red-self regulating heating cable

Compatibility

manufacturer	product series	frame type	colour & surface
Busch-Jaeger	Reflex SI	25 12-2 14	Alpine white, polished
Merten	Atelier	3972 19	Polar white
	M1	3972 18	RAL 9010, polished
Eljo	Trend	18 307 37	Polar white, polished
Ensto		2 166 112	Polar white
GIRA*	Standard	02 1204	RAL 9010
	Event	02 1227	RAL 9010
	E2	02 1222	RAL 9010

* with faceplate M

Wiring diagram



Direct

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Flow Control

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