



Environmental Product Declaration

Product

Device type	RAK-TR..., RAK-TW... RAK-TB..., RAK-ST...
Designation	single immersion thermostats
Product range	

Process control

Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	20 Oct. '98	BSI
ISO 9001 (quality)	22 July '86	BSI

Product use

Typical energy consumption per year	passive switch
Maintenance	none
Environmental benefits	see notes on page 2

Environmental risk (fire)

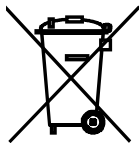
Fire protection as per	EN 60730
Fire load	ca. 4 MJ
Parts containing halogens (result in corrosive smoke)	switching plate

Packaging

Cardboard boxes	single packaging with insert and polyester label 55g
Notes on disposal	can be recycled – marked on packaging

Materials		total weight of device (*)	ca. 215 g
Plastics	ABS+PC	outer housing cover, knob (*)	32...38 g
	PA66	outer housing base, M16, thermostat cover	74 g
	PBT, containing halogens < 0.1%	switching plate (*)	10...12 g
	PC	window (TW, TB, ST, *)	1 g
Metals	St	screws	5 g
	CuZn	thermostat (*)	5...10 g
	Fe	thermostat (*)	67...71 g
	Cu	thermostat	20 g
	ZnAl	thermostat (*)	2...5 g
	Ag	thermostat	0.05 g
Fluid	Expansion liquid	mineral oil	2 g

Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws!

Notes

Materials

(*) Type-specific RAK-TR..., RAK-TW..., RAK-TB... or RAK-ST...

Options

Optionally the thermostats can be ordered with 100 mm pocket (brass, 80 g) and/or strap (steel, 15 g).

Environmental benefits

Minimisation of heating energy consumption.

Legal disclaimer: This declaration is for information purposes only

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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.