



Environmental product declaration

Product

Device type	RVD139
Designation	Domestic hot water controller
Product range	SIGMAGYR

Process control

Siemens Building Technologies Ltd. Gubelstrasse 22, CH-6301 Zug		
Management system certified	since	by
ISO 14001 (environment)	20 Oct. 1998	BSI
ISO 9001 (quality)	22 July 1986	BSI

Product use

Typical energy consumption per year	approx. 35 kWh
Maintenance	none
Environmental benefits	see notes on page 2

Environmental risk (fire)

Fire protection as per	EN 60730
Fire load	approx. 9 MJ
Parts containing halogens (result in corrosive smoke)	circuit board with components

Packaging

Paperboard, cardboard boxes, paper	corrugated cardboard	64 g
	foam sheeting PE	1 g
Notes on disposal	can be recycled – marked on packaging	

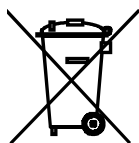
Materials

		total weight of device	510 g
Plastics	ABS, halogen-free, silicone-free	cover and front	41 g
	ASA, halogen-free, silicone-free	housing, covering	102 g
	PC, halogen-free, silicone-free	window frame	18 g
	PA66, halogen-free, silicone-free	pivoting lever, 2 pcs.	1 g
	Q, HTV silicone rubber	rubber membrane	5 g
Metals	Steel, zinc-plated	2 screws, M4x45	5 g
Circuit boards with components	FR4, containing halogens, SnPb solder	2 circuit boards with components	303 g

Special components

LCD , 15 cm ² , unlit	on the circuit board	(11 g)
Electrolytic capacitor	on the circuit board	(8 g)
Relays, AgSnO ₂ , AgNi contacts	7 pcs. on circuit board	(53 g)
CuSn/CuZn, PA6 plug connector	on the circuit board	(35 g)
Transformer, with synthetic resin	on the circuit board	(112 g)

Disposal



Do not dispose of the device as part of standard household garbage, but as special waste from electrical and electronic components. This particularly applies to electronic circuit boards.

Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws.

Notes

Environmental benefits

- Demand-controlled pre-control for the lowest possible flow temperature minimizes heat loss.
- Standby function.

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