



Environmental product declaration

Product

Device type	RMU710B, RMU720B, RMU730B, RMS705B, RMB795B, RMH760B, RMK770
Designation	Controller
Range	Synco™700

Process control

Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
Management system certified	Since	by
ISO 14001 (environment)	20.10.1998	BSI
ISO 9001 (quality)	22.07.1986	BSI

Product use

Typical energy consumption per year	ca. 36 kWh/a
Maintenance	Not required
Environmental benefits	See comments on page 2

Fire risk

Fire protection as per	Not relevant
Fire load	10...11 MJ

Packaging

Paperboard, cardboard boxes, paper	Folding bottom box, label 51 g
Notes on disposal	Recyclable, separate recycling possible

Materials		Total weight of device	417...494 g
Plastics	PC	Base, housing, cover, various terminal strips.	263 g
	ASA	Slider	1 g
	Silicone rubber	Alarm button	1 g
Metals	Chrome nickel steel Shop number 1.4310	Caged spring	6...13 g
	Cu alloy: P 0.1%; Ni 1.8%; Si 0.35%; res. Cu (97.75%)	Misc. contact springs	14...32 g
Circuit boards with components	FR4. 8% bromine TBBA		137...197 g
Special components			
	Electrolytic capacitor 5.32 cm ³	On circuit board	(7 g)
	Electrolytic capacitor 1.14 cm ³	On circuit board	(3 g)
	Electrolytic capacitor 0.79 cm ³	On circuit board	(1 g)
	Supercap 0.33 cm ³	On circuit board	(1 g)
	Relay, contact AgSnO ₂ , AgNi 0.15	2...7 pieces on circuit board	(16...56 g)

Component weights listed in parenthesis are already included in the materials for the declared components.

Disposal



The device is considered an electronics device for disposal in terms of European Directive 2002/96/EC (WEEE) and may not be disposed of as domestic garbage. Dispose of the unit through the relevant channels. Observe all local and currently valid legislation.

Comments

Materials

The devices (see page 1 for exceptions) are free of materials prohibited by Directive 2002/95/EC (RoHS):
 - Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight of each homogeneous material
 - Cd: < 0.01 % by weight of each homogeneous material

The devices are halogen free with the exception of the PCB (TBBA)

The silicon rubber buttons and mats used in the device were treated at 200 °C for a period of two hours. No silicon releasing agents were used in the manufacture of plastic parts.

Environmental benefits

- High-quality PID controller featuring predefined and tested parameters.
- Energy saving setpoints and operating modes (PreComfort).
- Demand-controlled plant operation (only switched on as needed).
- Heating limit switch (heating is turned off in summer).
- Switching of second fan speed for room demand only.
- Load-dependent switching of pumps.
- Air quality control (demand-dependent fan switching).

This declaration is intended solely for informational purposes

This product environmental declaration in no way represents a guarantee of product properties or that the product will comply with given properties for a set period.
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If you require further information on environmental aspects and disposal, contact your local Siemens branch office.