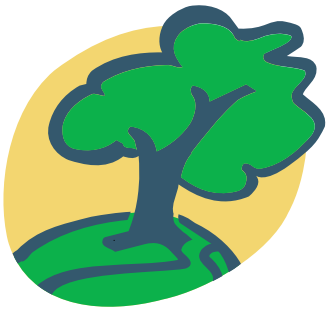
SIEMENS

Building Automation
HVAC Products



Environmental Product Declaration

Product	Device type:	**RMU710, RMU720, RMU730, RMS705, RMB795, RMH760, RMK770**	
	Designation:	**Controller**	
	Product range:	**Synco™700**	
Process control	Siemens Switzerland Ltd Building Technologies Group Gubelstrasse 22, CH-6301 Zug		
	Management system certified	Since	By
	ISO 14001 (environment)	**20.10.1998**	**BSI**
	ISO 9001 (quality)	**12.07.1986**	**BSI**
Product use	Typical energy consumption per year:	**Approx. 36 kWh**	
	Maintenance:	**Not required**	
	Environmental benefits:	**See notes on page 2**	
Environmental risk (fire)	Fire protection as per:	**Not applicable**	
	Fire load:	**Approx. 10...11 MJ**	
	Parts containing halogens: (producing in corrosive fumes)	**PCB assemblies**	
Packaging	Paperboard, cardboard boxes, paper:	**Folded bottom box, label**	**50.7 g**
	Note on disposal:	**Recyclable, proper separation possible**	

Materials		Total weight of device	**417...494 g**
Plastics:	PC	Base, housing, cover, terminal strips	**263.2 g**
	ASA	Sliders	**0.9 g**
	Silicone caoutchouc	Alarm button	**0.8 g**
Metals:	Chromium nickel steel material no. 1.4310	Cage spring	**5.5...13.2 g**
	Copper alloy: P 0.1 %; Ni 1.8 %; Si 0.35 %; rest copper (97.75 %)	Contact springs	**14.3...31.8 g**
PCB assembly:	FR4, 8 % bromium TBBA		**137.3...197 g**
Special components	Electrolytic capacitor 5.32 cm³	On PCB	(7.3 g)
	Electrolytic capacitor 1.14 cm³	On PCB	(3.2 g)
	Electrolytic capacitor 0.79 cm³	On PCB	(1.4 g)
	Supercap 0.33 cm³	On PCB	(1.0 g)
	Relays, contacts AgSnO2, AgNi 0.15	2...7 pieces on PCB	(16…56 g)

(Weights of components given in parentheses are already included in the components declared under "Materials")

Disposal

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

Ensure that currently valid local legislation is complied with!

Notes:

The silicone caoutchouc buttons and panels used in the devices have undergone heat treatment at 200 °C for 2 hours. The plastic parts were produced without the use of silicone-containing releasing agents.

Materials:

Environmental benefits:

- High-quality PID controller operating with predefined and tested parameters
- Energy-saving setpoints and operating mode (Precomfort)
- Demand-dependent plant operation (plant is switched on only when required)
- Heating limit switch (heating is switched off in the summer)
- Second fan speed is switched on only when required by the room
- Load-dependent switching of pumps
- Indoor air quality control (demand-dependent switching of fan)

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