



Environmental Product Declaration

Product	Device type	WR180	
	Designation	Control and heat meter interface	
	Product range	SYNERGYR	
Process control	Siemens Switzerland Ltd, Building Technologies Group Gubelstrasse 22, CH-6301 Zug		
	Management system certified	Since	By
	ISO 14001 (environment)	October 20, 1998	BSI
	ISO 9001 (quality)	July 22, 1986	BSI
Product use	Typical energy consumption per year	20 kWh	
	Maintenance	Not required	
	Environmental benefits	See notes on page 2	
Environmental risk (fire)	Fire protection as per	EN 60730	
	Fire load	10.3 MJ	
	Parts containing halogens (producing corrosive fumes)	PCB assembled	
Packaging	Paperboard, cardboard boxes, paper	Box: 20-PAP corrugated cardboard Label: 22-PAP paper	
	Disposal notes	Recyclable, separation by materials possible	

Materials		Total weight of product	373 g
Plastics:	PC/ABS-Blend	Base	65.5 g
	PC-Lexan 161R	Cover	37.1 g
	Cycolac G365 (ABS)	Cover	63.3 g
	PA66-Zytel E103 HSL	Slider	1.2 g
	PA66	Nut PG11 with fitting	10.5 g
	PVC / copper	Prefabricated round cable	115 g
Metals:	Steel	Small parts	2.1 g
	Brass	Sealing screw	3.5 g
PCB assembled:	FR4 / CEM3, 6 % halogen content, solder containing lead		69.4 g
Special components	CuSn, CuZn, steel	Terminal (on PCB)	9.6 g

Disposal



Do not dispose of the device together with domestic waste but as special waste from electrical and electronic equipment (electronic scrap). This applies in particular to the assembled PCB.

Legislation may demand special handling of certain components, or it may be sensible from an ecological point of view.

Local and currently valid legislation must be observed!

Notes

Materials:

Environmental benefits:

- Maximum limitation of the volumetric flow limits the amount of energy supplied to an apartment, thus shaving peak loads and preventing inadmissibly high heat consumption by the apartment even in the case of poor or nonexisting hydraulic balancing
- Narrow room temperature setpoint bands prevent undesired heat transfer between apartments
- During nonoccupancy times, a low room temperature setpoint is assigned to the tenants as standard
- Detailed information about faults delivers accurate information on plant problems, enables the service engineer to make precise diagnostics and helps reduce the number of service visits

This declaration is for information only!

The information given above may be inaccurate or incomplete. Therefore, Building Technologies does not assume liability for any error or any consequences that may arise from the use of this information, to the maximum extent under the law.

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