



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>TXS1.EF10</b>	
	Designation	<b>Bus connection module</b>	
	Product range	<b>TX-I/O™</b>	
<b>Process control</b>	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22, CH-6301 Zug		
	Management system certified	since	by
	ISO 14001 (environment)	<b>20 Oct. 1998</b>	<b>BSI</b>
	ISO 9001 (quality)	<b>22 July 1986</b>	<b>BSI</b>
<b>Environmentally compatible product design</b>	The device was developed in compliance with Siemens standard SN36350, "Environmentally compatible products". This standard requires that the requirements for environmental protection be fulfilled at a level above the statutory minimum.		
<b>Product use</b>	Typical energy consumption per year	<b>&lt; 1kWh</b>	
	Maintenance	<b>Not required</b>	
	Environmental benefits	<b>see notes on page 2</b>	
<b>Environmental risk (fire)</b>	Fire protection as per	<b>Not relevant</b>	
	Fire load	<b>appr. 2.8 MJ</b>	
	Parts containing halogens (result in corrosive smoke)	<b>Printed circuit board assembled</b>	
<b>Packaging</b>	Paperboard, cardboard boxes, paper	<b>Single packing (cardboard) 11 g</b>	
	Notes on disposal	<b>Can be recycled, indicated on boxes</b>	

<b>Materials</b>		total weight of device	<b>77 g</b>
Plastics	PC, ABS, halogen free	Housing	<b>50 g</b>
Metals	Bronze STOL76	Contact springs	<b>2 g</b>
Circuit boards with components	FR4 containing 12-18% brominated flame retardant / components mounted with SnAgCu solder	PCB	<b>25 g</b>

### Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and should not be disposed of as unsorted municipal waste.

The relevant national legal rules are to be adhered to.

Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

### Notes

#### Materials:

The device is free from substances banned by the Directive 2002/95/EC (RoHS):

- Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials
- Cd: < 0.01 % by weight in homogeneous materials.

The device is halogen-free except the PCBs (TBBA) .

The device does not contain anti-wetting substances. The plastic parts were manufactured without mold-release agents containing silicone.

#### Environmental benefits:

The large number of integrated functions, compact design and modular structure make it possible to implement the complex tasks of building automation with minimal consumption of energy and materials.

- Halogen-free plastic housing
- No PVC cables
- No battery
- Low energy consumption
- Individual components easy to dismantle for separation of materials

#### Legal disclaimer: This declaration is for information purposes only

This environmental product declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period. Siemens Switzerland Ltd therefore assumes no liability for any error or for any consequences which may arise from the use of this information.

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