



## *Environmental Product Declaration*

<b>Product</b>	Device type	<b>TXB1.PBUS</b>	
	Designation	<b>P-bus interface 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>appr. 326 kWh</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>EN 60950</b>	
	Fire load	<b>appr. 5.6 MJ</b>	
	Parts containing halogens (result in corrosive smoke)	<b>PCB assemblies</b>	
<b>Packaging</b>	Paperboard, cardboard boxes, paper	<b>Lock-bottom carton (20-PAP corrugated fiberboard) and label (22-PAP paper) 38 g</b>	
	Notes on disposal	<b>Can be recycled – sort clean separation possible, notes on all important parts</b>	

<b>Materials</b>		total weight of device	<b>269 g</b>
Plastics	PC, fiberglass-free and halogen free	Housing	<b>84 g</b>
		Housing cover, fuse holder	<b>7 g</b>
		Fiber optic cable	<b>3 g</b>
Metals	Steel	Springs	<b>0,1 g</b>
Circuit boards with components	FR4, 9% bromium TBBA, lead free solder	Motherboard	<b>158 g</b>
		Daughter board	<b>14 g</b>
<b>Special Components</b>	MVSTBW 2,5/3-ST	Plug-in terminals	(16 g)

(Parts with weights in brackets are already included in components declared under materials.)

### 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. No release agents containing silicone were used in the manufacture of the plastic components.

#### Environmental benefits:

- Circuitry in energy-saving CMOS technology.
- Low voltages are generated with switching controllers.
- DC/DC converter designed as push-pull converter to achieve a high degree of efficiency.

#### 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.