



Environmental Product Declaration

Product

Type of equipment	TXA1.IBE
Designation	Island bus expansion module
Product line	TX-I/O™

Process control

Siemens Switzerland Ltd. Building Technologies Division Gubelstrasse 22, CH-6301 Zug	
Management system certified	Management system certified
ISO 14001 (environment)	ISO 14001 (environment)
ISO 9001 (quality)	ISO 9001 (quality)

Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assess, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying Siemens Standard SN 36350 "Environmentally compatible products".

Product use

Typical energy consumption per year	Approx. 11 kWh/a
Maintenance	Not required
Environmental benefits	see note on page 2

Risk of fire

Fire protection according to	EN60730
Fire load	2 MJ

Packaging

20-PAP cardboard	Folded box	42 g
22-PAP paper	Label	1 g
Notes on disposal	One-way, recyclable	

Materials		Total weight of device	64 g
Plastics	PC	Cover	26 g
	PC	Base	12 g
	PC	Light conductor	1 g
	PC	Clip (2x)	4 g
Metals	Bronze STOL®76, tin and gold plated	Contacts	2 g
PCBs assembled	FR4 / CEM3, contains bromine	Main PCB	13 g
Others	CuSn/PA66	Terminal block 3-pin	(6 g)

(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.

Comments

Materials

The devices are 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 for the PCB

Environmental benefits

The device expands the distance between a controller and the I/O modules from originally 100 m to 2 x 200 m. Therefore, installations over longer distances require less controllers, which reduces the overall energy consumption.

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 does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.