

ENVIRONMENTAL DECLARATION

SX:ECHO (R30)

COMPANY INFORMATION

Profcon AB
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PRODUCT INFORMATION

GENERAL

The product is a SIOX bus extender/repeater and can be identified by the product name on the label inside the casing or by the part number on the label on the back.

BASIC DATA

PRODUCT DESCRIPTION	SIOX BUS EXTENDER/REPEATER
PRODUCT NAME	SX:ECHO
ARTICLE NUMBER	8R30:004
PRODUCT GROUP	SIOX

PRODUCT DESIGN

The product consist a matchbox sized I/O-unit attached to a circuit boards with connectors that are mounted in a plastic casing. The casing has a top with 4 screws and the bottom has "cut-outs" for cable grommets.

COMPONENT AND MATERIAL DESCRIPTION

R30 + S00-1 COMPONENT MODULES	WEIGHT (g)	WEIGHT RATIO (%)	SUBSTANCES / INFO
Casing 1	12	6	POLYSTYROL 158 K GR 2 CRYSTAL CLEAR 00013 CAS Number: 9003-53-6 / EC-Number: 500-008-9
Casing 2	129	62	Polystyrol -> underdel Polykarbonat -> Lockdel Polyuretan -> tätning Halogenfri -> Ja
Circuit Board	64	31	COMPOSITION GLASS FABRIC > Content: 41---44% CAS No: 65997-17-3 EPOXY RESIN > Content : 37---43% CAS No: 26265-08-7 (PHENOL,4,4-(1-METHYLETHYLIDENE)BIS2,6-DIBROMO-, POLYMER WITH (CHLOROMETHYL)OXIRANE AND 4,4-(1-METHYLETHYLIDENE) BISPHENOL, REACTIVE FLAME RETARDANT, Br%, 6-8%) COPPER FOIL -> content: 15-17% CAS No: 7440-50-8
Electronic components mounted on circuit bord	included in circuit board weight above		RoHS & REACH compliant
Labels	1.5	1	labels on S00-1 + R30
Total weight:	206.5	100	



PRODUCTION

The product is assembled by a EMS supplier in Sweden and then delivered to Profcon AB. The production is mostly automated and is carried out in premises intended for the purpose with all regulations and laws considered. Environmental risks are minimal and residual products are handled in accordance with current regulations. The EMS supplier has environmental & ISO certifications.

DISTRIBUTION

PRODUCTION ORIGIN	Sweden
MODE OF TRANSPORT	Truck, Airplane, Boat
MODE OF DISTRIBUTION	The product is normally distributed via Profcon AB
WRAPPING MATERIAL	Paper

Packing material can not be returned.
Profcon AB is connected to FTI.

BUILDING PHASE

The product should be stored between -20 to +70°C and 5-95% Rh (non-condensing). There are no requirements for surrounding building materials. Instructions for installation and commissioning are found in the manual. No special tools are required.

USAGE PHASE

The unit requires a power supply of 18-35 VDC or 12-24 VAC to operate and the power consumption is 90 mA (2,2W) in normal operation. The product doesn't have any impact on the surrounding environment during normal operation. Lifespan reference is estimated to minimum of 20 years and there is normally no maintenance required.

DEMOLITION

The product does not require any protection of health or the environment during demolition.

WASTE MANAGEMENT

The product can be dismantled so that the electronic circuit board, casing, and connectors each can be recycled. There is no special tool required to dismantle the product.