# ENVIRONMENTAL DECLARATION

*SX:NETLINK (ES3)*

## COMPANY INFORMATION

Profcon AB
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## PRODUCT INFORMATION

### GENERAL

The product is an Ethernet gateway and can be identified by the product name on the keyboard foil or by the part number on the label on the back.

### BASIC DATA

| | |
|---|---|
| PRODUCT DESCRIPTION | ETHERNET GATEWAY |
| PRODUCT NAME | SX:NETLINK |
| ARTICLE NUMBER | 6ES3 |
| PRODUCT GROUP | SIOX |

### PRODUCT DESIGN

The products consist of a circuit boards with connectors that are mounted in a plastic casing and the top part of the casing has a keyboard foil. All casing parts are of "snap-in" design. The product is intended to be mounted on a DIN-rail.

### COMPONENT AND MATERIAL DESCRIPTION

| COMPONENT MODULES | WEIGHT (g) | WEIGHT RATIO (%) | SUBSTANCES / INFO | CAS No. |
|---|---|---|---|---|
| Casing | 67 | 55 | Polycarbonate | |
| Circuit Board (Type FR4) | 18 | 15 | Fiberglass 41-44% | 65997-17-3 |
| | | | Epoxy resin 37-43% | 26265-08-7 |
| | | | Phenol,4,4-(l-methylethylidene) bis2,6-dibromo-, polymer with (chloromethyl)oxirane and 4,4-(1-methylethylidene)bisphenol, reactive flame retardant, br% 6-8% | n/a |
| Electronic components | 29 | 24 | RoHS & REACH compliant | |
| Removable connectors | 8 | 7 | Polyamide, Cu, Sn | |
| Total weight: | 122 | | | |

## 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.

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