



# Declaration on materials and the environment

## Product

Type	<b>RCP30F001 RCP31F001</b>
Description	<b>Cascade fixed-value P- and PI-controller Cascade schedule P- and PI-controller</b>
Range	<b>Pneumatics  Centair controller system</b>

## Process supervisor

Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle		
Management system certified	since	by
ISO 9001	<b>10<sup>th</sup> Aug. 1993</b>	<b>SQS</b>
ISO 9001:2000	<b>10<sup>th</sup> Aug. 2002</b>	<b>SQS</b>
ISO 14001:2004	<b>10<sup>th</sup> Aug. 2005</b>	<b>SQS</b>
OHSAS 18001:1999	<b>10<sup>th</sup> Aug. 2005</b>	<b>SQS</b>

## Environmentally-compatible product design

Based on	<b>Management system Fr. Sauter Ltd.</b>
Process	<b>Business process Product innovation</b>

## Product usage

Typical energy consumption p.a.	<b>No energy consumption</b>
CE conformity	<b>PDS 68.151</b>
Servicing, maintenance	<b>PDS 68.151</b>
How the environment benefits	<b>see last page</b>

## Risk to the environment in the event of damage

Fire protection as per	<b>EN 60695-2-11, EN 60695-10-2</b>
Fire load <sup>(1)</sup>	<b>19.0 MJ / 20 MJ</b>
Parts containing halogen (causing corrosive smoke)	<b>none</b>
Pollutive liquids	<b>Silicone grease, silicone oil</b>
Explosive substances	<b>none</b>

## Packaging\*

Cardboard PAP 21	<b>102.5 g</b>
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<sup>(1)</sup> See **Remarks** on last page

\*Directive 94/62/EC and follow-up document; decision 97/129/EC

<b>Materials</b>	<b>Total weight of product <sup>(2)</sup></b>	<b>RCP30F001 770 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
		<b>RCP31F001 830 g</b>		
<b>Synthetics</b>				
PC		<b>93 g / 101 g</b>	Yes	20 01 39
PC+ABS		<b>364 g</b>	Yes	20 01 39
PA6		<b>44 g / 63 g</b>	Yes	20 01 39
PUR		<b>0.2 g</b>	Yes	20 01 39
POM		<b>0.5 g</b>	Yes	20 01 39
NBR		<b>2.5 g</b>	Yes	20 01 39
EPDM		<b>1 g / 1.5 g</b>	Yes	20 01 39
ABS		<b>79.5 g</b>	Yes	20 01 39
PTFE (Teflon®)		<b>1 g</b>	Yes	20 01 39
Silicone rubber, Elastosil LR3003		<b>1 g</b>	Yes	20 01 39
Silicone (tubes/diaphragms)		<b>33 / 45.5 g</b>	Yes	20 01 39
<b>Metal</b>				
Steel, various alloys		<b>63.5 g / 70.5 g</b>	Not required	20 01 40
Aluminum, all alloys		<b>34 g / 30 g</b>	Not required	20 01 40
Copper, all alloys		<b>37 g / 54 g</b>	Not required	20 01 40
Bronze, all alloys		<b>16 g</b>	Not required	20 01 40
<b>Printed circuit board</b>				
Printed board assembly			Non-existent	
<b>Miscellaneous</b>				
None				
<b>Special components</b>				
Adhesive (Loctite 493)		<b>0.001 g</b>	Yes	20 01 99
Silicone grease		<b>0.001 g</b>	Yes	20 01 26
Silicone oil (AK 250)		<b>0.001 g</b>	Yes	20 01 26
Fixing bracket (steel)		<b>24.5 g</b>	Not required	20 01 40
Scale discs (Chromolux 700 card)		<b>0.6 g</b>	Not required	20 01 99

**N.B.:**

Silicon content: Apart from the tubes and diaphragms, all parts are silicone-free

<sup>(2)</sup> See **Remarks** on last page

\*\*Directive 75/442/EEC and follow-up document; decision 2001/118/EC

**Disposal****Product:**

For its disposal, the product should be treated as waste containing electrical and electronic equipment (electrical/electronic waste) and should not be disposed of as household waste. This applies in particular to the printed circuit board.

Fr. Sauter Ltd. observes the European directive 2002/95/EG (RoHS); the company's soldered products have been lead-free since 01.07.2006. Special treatment of particular components may, under certain circumstances, be either compulsory by law or ecologically advisable.

**Packaging:**

Recyclable

**Observe local regulations and the latest applicable laws.**

**Special notes:**

none

**Remarks**

<sup>(1)</sup> **Fire load, depending on type:**

none

<sup>(2)</sup> **Weight, depending on type:**

none

**How the environment benefits**

Can be completely dismantled for specialist disposal of components and materials

**Disclaimer: This declaration is solely for information purposes.**

If circumstances arise, Sauter may change the above-mentioned specifications without prior notice. Fr. Sauter Ltd. expressly rejects any liability for damage occurring due to the above information.

Further information on environmental aspects in general and on disposal in particular can be obtained from the local Sauter agent.