



Declaration on materials and the environment

Product

Type	RCP20F001 RCP21F001
Description	Fixed-value P-controller Fixed-value schedule P-controller
Range	Pneumatics Centair controller system

Process supervisor

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

Environmentally-compatible product design

Based on	Management system Fr. Sauter Ltd.
Process	Business process Product innovation

Product usage

Typical energy consumption p.a.	No energy consumption
CE conformity	PDS 68.101
Servicing, maintenance	PDS 68.101
How the environment benefits	see last page

Risk to the environment in the event of damage

Fire protection as per	EN 60695-2-11, EN 60695-10-2
Fire load ⁽¹⁾	15.0 MJ / 16.5 MJ
Parts containing halogen (causing corrosive smoke)	none
Pollutive liquids	Silicone grease, silicone oil
Explosive substances	none

Packaging*

Cardboard PAP 21	102.5 g
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⁽¹⁾ See **Remarks** on last page

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

Materials	Total weight of product ⁽²⁾	RCP20F001 620 g	Safety data sheet	EU waste code**
		RCP21F001 660 g		
Synthetics				
PC		92 g / 93.5 g	Yes	20 01 39
PC+ABS		364 g	Yes	20 01 39
PA6		19 g / 39 g	Yes	20 01 39
PUR		0.1 g / 0.2 g	Yes	20 01 39
NBR		2 g / 2.5 g	Yes	20 01 39
EPDM		0.4 g / 0.8 g	Yes	20 01 39
PTFE (Teflon®)		1 g	Yes	20 01 39
Silicone rubber, Elastosil LR3003		1 g	Yes	20 01 39
Silicone (tubes/diaphragms)		24 g / 33 g	Yes	20 01 39
Metal				
Steel, various alloys		51 g	Not required	20 01 40
Aluminum, all alloys		37 g / 35 g	Not required	20 01 40
Copper, all alloys		28 g / 39 g	Not required	20 01 40
Printed circuit board				
Printed board assembly			Non-existent	
Miscellaneous				
None				
Special components				
Adhesive (Loctite 493)		0.001 g	Yes	20 01 99
Silicone grease		0.001 g	Yes	20 01 26
Silicone oil (AK 250)		0.001 g	Yes	20 01 26
Fixing bracket (steel)		24.5 g	Not required	20 01 40
Scale discs (Chromolux 700 card)		0.6 g	Not required	20 01 99

N.B.:

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

⁽²⁾ 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

⁽¹⁾ **Fire load, depending on type:**

none

⁽²⁾ **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.