



Declaration on materials and the environment

Product	Type	ASM105S F132 ASM115S F132
	Description	Damper drive
	Range	Electric drives
Process supervisor	Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle	
	Management system certified	since by
	ISO 9001	10th Aug. 1993 SQS
	ISO 9001:2000	10th Aug. 2002 SQS
ISO 14001:2004	10th Aug. 2005 SQS	
OHSAS 18001:1999	10th 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.	15.5 kWh
	CE conformity	PDS 51.041
	Servicing, maintenance	PDS no maintenance required
	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⁾	7.5 MJ
	Parts containing halogen (causing corrosive smoke)	Motor cable Power cable
	Pollutive liquids	Lubricant
	Explosive substances	none
Packaging*	Corrugated board PAP 20	42 g
	Paper PAP 22	5 g
	LDPE	3 g

⁽¹⁾ See **Remarks** on last page

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

Materials	Total weight of product ⁽²⁾	750 g	Safety data sheet	EU waste code**
Synthetics				
PC		120 g	Yes	20 01 39
PBT		25 g	Yes	20 01 39
POM		10 g	Yes	20 01 39
POM+20%PTFE		5 g	Yes	20 01 39
PA 66		5 g	Yes	20 01 39
PP film		1 g	Yes	20 01 39
Metal				
Steel		220 g	Not required	20 01 40
Die-cast zinc		90 g	Not required	20 01 40
Sintered metals		65 g	Not required	20 01 40
Brass		10 g	Not required	20 01 40
Printed circuit board				
Printed board assembly, equipped		20 g		20 01 36
Miscellaneous				
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Special components				
Motor		85 g	Not required	20 01 36
PVC cable (including copper wires)		85 g	Not required	20 01 36
Lubricant, synthetic long-life grease		10 g	Yes	20 01 26

N.B.:

Silicone content: the product contains no silicone

⁽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:**

Accessories:

- 0372145 001 Auxiliary switch unit, single	3,8 MJ
- 0372145 002 Auxiliary switch unit, double	4,0 MJ
- 0372286 001 Potentiometer unit 130 Ohm	4,0 MJ
- 0372286 002 Potentiometer unit 1000 Ohm	4,0 MJ
- 0372286 003 Potentiometer unit 5000 Ohm	4,0 MJ

(2) Weight, depending on type:

Accessories:

- 0372145 001 Auxiliary switch unit, single Packaging: LPDE: 15 g / PAP 22: 5 g	180 g
- 0372145 002 Auxiliary switch unit, double Packaging: LPDE: 15 g / PAP 22: 5 g	200 g
- 0372286 001 Potentiometer unit 130 Ohm Packaging: LPDE: 15 g / PAP 22: 5 g	200 g
- 0372286 002 Potentiometer unit 1000 Ohm Packaging: LDPE: 15 g / PAP 22: 5 g	200 g
- 0372286 003 Potentiometer unit 5000 Ohm Packaging: LDPE: 15 g / PAP 22: 5 g	200 g

How the environment benefits

- High performance in relation to size and weight
- Low consumption of energy
- Easy to dismantle for specialist disposal

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.