



Declaration on materials and the environment

Product	Type	AKF112 F120 / F122 AKF113 F122
	Description	Rotary drive with spring return
	Range	Electric drives
Product usage	Typical energy consumption p.a.	35 kWh
	CE conformity	PDS 51.372
	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⁾	approx. 9 MJ
	Parts containing halogen (causing corrosive smoke)	PVC cable Printed circuit board
	Pollutive liquids	Lubricant
	Explosive substances	none
Packaging*	Cardboard PAP 21	226 g
	Paper PAP 22	16 g
	LDPE	2 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⁾	1657 g	Safety data sheet	EU waste code**
Synthetics				
PBT		147 g	Yes	20 01 39
PC		34 g	Yes	20 01 39

POM	20 g	Yes	20 01 39
PA66	2 g	Yes	20 01 39
Metal			
Die-cast aluminium	337 g	Not required	20 01 40
Die-cast zinc	221 g	Not required	20 01 40
Steel	528 g	Not required	20 01 40
Printed circuit board			
Printed circuit board assembly, lead-free solder	approx. 40 g		20 01 36
Special components			
Motor	50 g	Not required	20 01 36
PVC cable	70 g	Not required	20 01 36
Transformer (only AKF112F120)	202 g	Not required	20 01 36
Microswitch	6 g	Not required	20 01 36
Lubricant, synthetic long-lasting grease	5 g	Yes	20 01 26

N.B.:

Silicone content:

⁽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:

- 051024 001 Mounting kit approx. 5 MJ

(2) Weight, depending on type:

Accessories:

- 051024 001 Mounting kit 39 g

Packaging: LPDE: 2 g / PAP 22: 29 g / PAP 21: 8 g

How the environment benefits

- When the internal spring has been removed, the product is easy to dismantle for proper disposal
- High performance in relation to size and weight

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.