



# Declaration on materials and the environment

<b>Product</b>	Type	<b>ASF122F120 / F122 ASF123F122 ASF122F220 / F222</b>
	Description	<b>Actuators with spring return</b>
	Range	<b>Electric drives</b>
<b>Product usage</b>	Typical energy consumption p.a.	<b>35 kWh</b>
	CE conformity	<b>PDS 51.035</b>
	Servicing, maintenance	<b>PDS no maintenance required</b>
	How the environment benefits	<b>see last page</b>
<b>Risk to the environment in the event of damage</b>	Fire protection as per	<b>EN 60695-2-11, EN 60695-10-2</b>
	Fire load <sup>(1)</sup>	<b>F12.: 4 MJ F22: 10 MJ</b>
	Parts containing halogen (causing corrosive smoke)	<b>PVC cable, printed circuit board</b>
	Pollutive liquids	<b>Lubricant</b>
	Explosive substances	<b>none</b>
<b>Packaging*</b>	Cardboard PAP 21	<b>125 g</b>
	Paper PAP 22	<b>16 g</b>
	LDPE	<b>2 g</b>

<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>2409...2873 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
<b>Synthetics</b>				
POM		<b>62...94 g</b>	Yes	20 01 39
PE		<b>33...66 g</b>	Yes	20 01 39
PA66		<b>2 g</b>	Yes	20 01 39
PBT		<b>3 g</b>	Yes	20 01 39
<b>Metal</b>				
Die-cast aluminium		<b>753 g</b>	Not required	20 01 40
Die-cast zinc		<b>299 g</b>	Not required	20 01 40
Steel		<b>472...910 g</b>	Not required	20 01 40
Sintered steel		<b>52 g</b>	Not required	20 01 40
Bronze		<b>1g</b>	Not required	20 01 40
<b>Printed circuit board</b>				
Printed circuit board assembly, lead-free solder		<b>33 g</b>		20 01 36
<b>Special components</b>				
Motor		<b>107 g</b>	Not required	20 01 36
PVC cable (ASF122F2...: + 100 g)		<b>70 g</b>	Not required	20 01 36
Transformer (only ASF122F.20)		<b>300 g</b>	Not required	20 01 36
Microswitch		<b>6 g</b>	Not required	20 01 36
Lubricant, synthetic long-lasting grease		<b>5 g</b>	Yes	20 01 26

**N.B.:**

Silicone content:

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

Accessory 0510240001: Mounting kit for ball valves VKR/BKRt	approx. 5 MJ
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**(2) Weight, depending on type:**

Accessory 0510240001: Mounting kit for ball valves VKR/BKR (Packaging: LDPE: 2 g / PAP 22: 29 g / PAP 21: 8 g)	39 g
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**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.