



# Declaration on materials and the environment

<b>Product</b>	Type	<b>ASM105S F152 ASM115S F152</b>
	Description	<b>Damper drive, fast-acting</b>
	Range	<b>Electric drives</b>
<b>Process supervisor</b>	Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle	
	Management system certified	since by
	ISO 9001	<b>10<sup>th</sup> Aug. 1993 SQS</b>
	ISO 9001:2000	<b>10<sup>th</sup> Aug. 2002 SQS</b>
ISO 14001:2004	<b>10<sup>th</sup> Aug. 2005 SQS</b>	
OHSAS 18001:1999	<b>10<sup>th</sup> Aug. 2005 SQS</b>	
<b>Environmentally-compatible product design</b>	Based on	<b>Management system Fr. Sauter Ltd.</b>
	Process	<b>Business process Product innovation</b>
<b>Product usage</b>	Typical energy consumption p.a.	<b>15.5 kWh</b>
	CE conformity	<b>PDS 51.042</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>7.5 MJ</b>
	Parts containing halogen (causing corrosive smoke)	<b>Power cable</b>
	Pollutive liquids	<b>Lubricant</b>
	Explosive substances	<b>none</b>
<b>Packaging*</b>	Corrugated board PAP 20	<b>42 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>730 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
<b>Synthetics</b>				
PC		<b>122 g</b>	Yes	20 01 39
PBT		<b>27 g</b>	Yes	20 01 39
POM		<b>12 g</b>	Yes	20 01 39
POM+20%PTFE		<b>5 g</b>	Yes	20 01 39
PA66		<b>8 g</b>	Yes	20 01 39
EPDM/PP		<b>5 g</b>	Yes	20 01 39
PPS		<b>1 g</b>	Yes	20 01 39
PP film		<b>1 g</b>	Yes	20 01 39
<b>Metal</b>				
Steel		<b>240 g</b>	Not required	20 01 40
Die-cast zinc		<b>93 g</b>	Not required	20 01 40
Sintered metals		<b>66 g</b>	Not required	20 01 40
<b>Printed circuit board</b>				
Printed circuit board assembly, lead-free solder		<b>25 g</b>	Not required	20 01 36
<b>Special components</b>				
Motor		<b>35 g</b>	Not required	20 01 36
PVC cable (including Cu wires)		<b>85 g</b>	Not required	20 01 36
Lubricant, synthetic long-lasting grease		<b>5 g</b>	Yes	20 01 26

**N.B.:**

Silicone content: The product contains no silicone

<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**

- The product is easy to dismantle for proper disposal
- Low consumption of energy
- 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.