



# Declaration on materials and the environment

<b>Product</b>	Type	<b>AVM104S F132</b> <b>AVM114S F132</b>  <b>AVM105S F132</b> <b>AVM115S F132</b>
	Description	<b>Actuator</b>
	Range	<b>Electric drives</b>
	<hr/>	
<b>Product usage</b>	Typical energy consumption p.a.	<b>15.5 kWh</b>
	CE conformity	<b>PDS 51.362</b>
	Servicing, maintenance	<b>PDS No servicing necessary</b>
	How the environment benefits	<b>see last page</b>
<hr/>		
<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>10 MJ</b>
	Parts containing halogen (causing corrosive smoke)	<b>Motor cable</b> <b>Power cable</b>
	Pollutive liquids	<b>Lubricant</b>
	Explosive substances	<b>none</b>
<hr/>		
<b>Packaging*</b>	Cardboard PAP 20	<b>49 g</b>
	Paper PAP 22	<b>5 g</b>
	LDPE	<b>3 g</b>

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

<b>Materials</b>	<b>Total weight of product <sup>(2)</sup></b>	<b>750 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
<b>Synthetics</b>				
PC		<b>130 g</b>	Yes	20 01 39
PA 66		<b>15 g</b>	Yes	20 01 39
PBT		<b>95 g</b>	Yes	20 01 39
POM		<b>15 g</b>	Yes	20 01 39
POM+20%PTFE		<b>20 g</b>	Yes	20 01 39
PE foil		<b>1 g</b>	Yes	20 01 39
<b>Metal</b>				
Brass		<b>140 g</b>	Not required	20 01 40
Sintered metals		<b>10 g</b>	Not required	20 01 40
Steel		<b>125 g</b>	Not required	20 01 40
<b>Printed circuit board</b>				
Printed board assembly		<b>20 g</b>	Not required	16 02 16
<b>Special components</b>				
Motor		<b>85 g</b>	Not required	20 01 36
PVC cable (including <i>Cu</i> cores)		<b>85 g</b>	Not required	20 01 36
Lubricant, synthetic long-life grease		<b>10 g</b>	Yes	20 01 26

**N.B.:**

Silicon content: the product contains no silicon

<sup>(2)</sup> See **Remarks** on last page

\*\*Directive 75/442/EWG and follow-up document; decision 2001/118/EG

**Disposal****Product:**

In disposal terms, the product is considered to be waste from 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 correct 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.