



Declaration on materials and the environment

Product	Type	AVF 234S F132 / F132-5 / F132-6 AVF 234S F232
	Description	SUT actuator with spring return
	Range	Electric drives
Product usage	Typical energy consumption p.a.	26.5 kWh
	CE conformity	PDS 51.378
	Servicing, maintenance	PDS 51.378 (no servicing needed)
	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⁾	max. 21.8 MJ
	Parts containing halogen (causing corrosive smoke)	Motor cable
	Pollutive liquids	Lubricant
	Explosive substances	none
Packaging*	Corrugated board PAP 20	173.8 g
	Paper PAP 22	25.4 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⁾	5,733.0 g to 6,201.2 g	Safety data sheet	EU waste code**
Synthetics				
EPDM		0.1 g	Yes	20.01.39
NBR		0.1 g	Yes	20.01.39
PA		6.0 g	Yes	20.01.39
PC		680.0 g	Yes	20.01.39
POM		4.0 g	Yes	20.01.39
PUR		3.4 g	Yes	20.01.39
Metal				
Aluminium, all alloys		397.4 g	Not required	20.01.40
Sintered metal with Fe		956.0 g	Not required	20.01.40
Steel, various alloys		3,877.2 g	Not required	20.01.40
Printed circuit board				
Printed board assembly		72.8 g	Not required	20.01.36
Miscellaneous				
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Special components				
Motor		191.6 g	Not required	20.01.36
PVC cable		6.3 g	Not required	20.01.36
Lubricant		7.1 g	Yes	20.01.26

N.B.:

Silicon content: lubricant and all parts used are free of silicon

⁽²⁾ See **Remarks** on last page

**Directive 75/442/EEC and follow-up document; decision 2001/118/EC

Disposal**Product:**

For disposal, 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:

The pre-tensioned spring assembly represents a substantial accident risk if the coil-spring plate is dismantled incorrectly. When the coil-spring plate is opened, the coil spring may be inadvertently released, which can cause serious injuries to fingers and hands.

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

AVF234S F132	21.7 MJ
AVF234S F132-5	21.7 MJ
AVF234S F132-6	21.7 MJ
AVF234S F232	21.8 MJ

Accessories:

- 0313529.001 Split-range unit	0.3 MJ
- 0372332.001 Module 230V	1.9 MJ
- 0372333.001 Auxiliary switch unit	1.7 MJ
- 0372334.001 Potentiometer set 2000 Ohm	0.6 MJ
- 0372334.002 Potentiometer set 130 Ohm	0.6 MJ
- 0372334.006 Potentiometer set 1000 Ohm	0.6 MJ
- 0386263.001 Screwed cable fitting M16x1,5	0.2 MJ
- 0386263.002 Screwed cable fitting M20x1,5	0.3 MJ

(2) Weight, depending on type:

AVF234S F132	5,733.1 g
AVF234S F132-5	5,764.7 g
AVF234S F132-6	6,201.2 g
AVF234S F232	5'733.0 g

Accessories:

- 0313529.001 Split-range unit	17.3 g
- 0372332.001 Module 230V	76.4 g
- 0372333.001 Auxiliary switch unit	66.0 g
- 0372334.001 Potentiometer set 2000 Ohm	26.1 g
- 0372334.002 Potentiometer set 130 Ohm	26.0 g
- 0372334.006 Potentiometer set 1000 Ohm	26.0 g
- 0372336.180 Extension 180 °C	455.0 g
- 0372336.240 Extension 240 °C	677.3 g
- 0372338.001 Clamp for valve throat 38	746.8 g
- 0372338.002 Clamp for valve throat 60	1,183.3 g
- 0378263.001 End stop	17.3 g
- 0386263.001 Screwed cable fitting M16x1,5	5.9 g
- 0386263.002 Screwed cable fitting M20x1,5	10.8 g

How the environment benefits

- High performance in relation to size and weight
- Reduction in general loss of energy due to the drive's excellent regulability
- Easy to dismantle (22 screws, otherwise plug-in connectors) 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.