



Declaration on materials and the environment

Product	Type	AVM 234S F132/F132-5/F132-6	
	Description	Actuator with SUT positioner	
	Range	Electric drives	
Process supervisor	Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle		
	Management system certified	since	by
	ISO 9001	10th Aug. 1993	SQS
	ISO 9001:2000	10th Aug. 2002	SQS
	ISO 14001:2004	10th Aug. 2005	SQS
	OHSAS 18001:1999	10th Aug. 2005	SQS
Environmentally-compatible product design	Based on	Management system Fr. Sauter Ltd.	
	Process	Business process Product innovation	
Product usage	Typical energy consumption p.a.	24 kWh	
	CE conformity	PDS 51.377	
	Servicing, maintenance	PDS 51.377 (no servicing needed)	
	How the environment benefits	see last page	
Risk to the environment in the event of damage	Fire protection as per	EN 60707	
	Fire load ⁽¹⁾	max. 20.3 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	19.9 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⁾	4.226.0 g to 4.694.1 g	Safety data sheet	EU waste code**
Synthetics				
EPDM		0.1 g	Yes	20.01.39
NBR		0.1 g	Yes	20.01.39
PC		639.2 g	Yes	20.01.39
POM		3.3 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
Bronze, all alloys		3.2 g	Not required	20.01.40
Brass, all alloys		0.9 g	Not required	20.01.40
Sintered metal with Fe		916.9 g	Not required	20.01.40
Steel, various alloys		2,328.5 g	Not required	20.01.40
Printed circuit board				
Printed board assembly		69.9 g	Not required	20.01.36
Miscellaneous				
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Special components				
Motor		329.2 g	Not required	20.01.36
Lubricant		2.0 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:**Remarks****(1) Fire load, depending on type:**

AVM 234S F132	20.3 MJ
AVM 234S F132-5	20.3 MJ
AVM 234S F132-6	20.3 MJ

Accessories:-

0313529.001	Split-range unit	0.3 MJ
0372332.001	Module 230 V	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:

AVM 234S F132	4,226.0 g
AVM 234S F132-5	4,257.6 g
AVM 234S F132-6	4,694.1 g

Accessories:-

0313529.001	Split-range unit	17.3 g
0372332.001	Module 230 V	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.
- Stand-by function at stops minimises the consumption of energy.
- Reduction in general loss of energy due to the drive's excellent regulability.
- Easy to dismantle (seventeen 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.