

Product No: 101128982

SCHMERSAL AES1112 (24VDC) SAFETY-MONITORING MODULE 101128982

FEATURES

- Stop-Category 0 safety-monitoring module
- Wire breakage detection feature
- Automatic reset function
- Resets after disconnection of supply voltage
- Integral System Diagnostics included
- Equipped with 1 LED indicator
- Features 4 openers and 2 shutters
- Includes 1 safety contact



Note: Contact symbols shown for the closed condition of the guard device. | The contact configuration for versions with or without LED is identical.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-01
eCl@ss Number, Version 9.0	27-37-12-43
ETIM 6.0	EC001029
ETIM 7.0	EC000223
Housing Construction Form	Norm construction design
Product Type	Monitoring Module
Protection Class of Operating Resource	3
Series	AES
Working Principle	Mechanical

Technical Attributes	
No. of Auxiliary Contacts	1
Contact Material	Silver-plated Cu rivets
Maximum Actuating Speed (m/s)	1

Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	100000 Operations
Minimum Positive Break Force (N)	17
No. of Safety Contacts	2
Nominal Power (W)	2.4
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	300
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Switching Element	NC contact, NO contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	75
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Mounting Type	2 x M5, Cylinder head screw
Net Weight (g)	45
Storage Temperature (°C)	-25 to 70

Wire Cross-Section	13 AWG
--------------------	--------

Dimensions

Height (mm)	100
Sensor Height (mm)	95.1
Sensor Length (mm)	57
Width (mm)	67.5

Protection & Standards

Degree of Protection	IP20
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------
