

## Product No:101128796

### SCHMERSAL AES1102.2 SAFETY-MONITORING MODULE 101128796

#### FEATURES

- Safety-monitoring module AES1102.1 (110VAC)
- STOP 0 functionality for emergency stopping
- Wire breakage detection feature
- Automatic reset function available
- Resets after disconnection of supply voltage
- Integral System Diagnostics included
- Equipped with 1 LED indicator
- Features 4 openers and 2 shutters

*Note: Instead of nuts, a mounting clamp can be provided.*

#### 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	27-37-12-90
eCl@ss Number, Version 9.0	27-37-12-43
ETIM 6.0	EC001029
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Safety Relay
Protection Class of Operating Resource	3
Series	AES
Working Principle	Mechanical

#### Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Metal, CuZn, gold-plated
Maximum Actuating Speed (m/s)	1

Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm <sup>2</sup> )	1.5
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	8.5
No. of Safety Contacts	3
Nominal Power (W)	2.4
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	30
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Thermal Test Current (A)	2.5
Utilisation Category	DC-13   AC-15
Utilisation Category DC-13	0.05 A

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	50
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	75
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	50

Storage Temperature (°C)	-25 to 70
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Wire Cross-Section	0.25 mm
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### Dimensions

Height (mm)	100
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Sensor Height (mm)	129.5
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Sensor Length (mm)	118
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Width (mm)	67.5
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### Protection & Standards

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

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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