

Product No: 101120016

SCHMERSAL AES7112.3 24VAC SAFETY-MONITORING MODULE 101120016

FEATURES

- Safety sensor with thermoplastic enclosure
- Features coding for secure operation
- Equipped with 2 openers and 1 shutter
- Contains 4 cable wires for connectivity
- Utilizes a magnet as the actuating element
- Comes with a 2-meter cable terminal connector
- M30 ISO thread for easy installation
- Switching voltage rated at 100 V AC/DC
- Switching current capacity of 0.4 A

Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-02
eCl@ss Number, Version 9.0	27-37-18-19
ETIM 6.0	EC001449
ETIM 7.0	EC000222
Housing Construction Form	Norm construction design
Product Type	Safety Relay
Protection Class of Operating Resource	2
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Series	AES
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	3
Contact Material	Silver

Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	3
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	2
Nominal Power (W)	1.5
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage DC (V)	24
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	110 / 4 - 30 / 18
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Snap action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	AC-1
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever H65
Enclosure Coating Material	Painted
Enclosure Material	Metal film
Gross Weight (g)	730.6
Installation Conditions	Quasi-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)	1058
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.34 mm

Dimensions

Cable Length (m)	3
Height (mm)	69
Sensor Height (mm)	851
Sensor Length (mm)	38
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP20
Pollution Degree	3
Standards	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)	Download from here
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