

Product No: 101170049

SCHMERSAL AES1235 (24VDC) SAFETY-MONITORING MODULE 101170049

FEATURES

- Position switch with metal enclosure
- Actuating element: Plunger
- Switching element: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 240 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 1 A
- IP Rating: IP67 for dust and water resistance
- Operating temperature range from -30 °C to +80 °C



Note: Inductive loads (e.g. contactors, relays, etc.) are to be suppressed by means of a suitable circuit.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Monitoring Module
Series	AES
Working Principle	Electromechanical

Technical Attributes	
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A (slow blow)
Minimum Cable Cross Section (mm ²)	0.34

Minimum Mechanical Life	1000000 Operations
No. of Auxiliary Contacts	1
No. of Safety Contacts	1
Nominal Power (W)	5
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Connector M12, 4-pole
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Angle roller lever K230
Enclosure Material	Aluminium
Gross Weight (g)	60
Maximum Ambient Temperature (°C)	90
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	0
Minimum Temperature (°C)	-25
Net Weight (g)	2471.93

Dimensions

Sensor Height (mm)	97.5
Sensor Length (mm)	41

Protection & Standards

Degree of Protection	IP20
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources



Product catalogue (Flipbook)

[Download from here](#)
