

## Product No: 101157699

### SCHMERSAL AZ14-1KD POSITIVE-OPERATION DOOR CONTACT 101157699

#### FEATURES

- Flap safety switch with metal enclosure
- Right-hand model design
- Actuating element: Swivel lever
- Switching element: Opener (NC)
- Screw connection terminal connector
- Safety contacts: 2
- Thermal test current: 10 A
- Utilisation category AC-15: 230 VAC at 4 A
- Utilisation category DC-13: 24 VDC at 1 A

*Note: The axis of the hinge must be 11 mm above and in a parallel plane to the top surface of the safety switch. | Actuating radius adjustable, minimum 50 mm, using an hexagonal key wrench SW 2 mm (a and b) | The actuator is not available separately.*

#### 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	27-27-27-92
ETIM 6.0	EC000030
ETIM 7.0	EC002635
Housing Construction Form	Norm construction design
Product Type	Accessory
Series	AZ 14
Working Principle	Electromechanical

#### Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	2

Maximum Cable Cross Section (mm <sup>2</sup> )	2 x 2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm <sup>2</sup> )	0.34
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	10
No. of Auxiliary Contacts	1
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	10
Rated Insulation Voltage (V)	30
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Snap action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13   AC-15

### Physical Attributes

Actuator Type	Roller plunger
Enclosure Material	Aluminium
Gross Weight (g)	107
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-30
Net Weight (g)	450
Storage Temperature (°C)	25 to 85
Wire Cross-Section	23 AWG

### Dimensions

Sensor Height (mm)	93.5
Sensor Length (mm)	33

## Protection & Standards

Degree of Protection	IP20
Explosion Protection Category	3D   3G
Standards	EN IEC 61496-1 / EN IEC 61496-2

## Resources

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