

Product No: 101139958

SCHMERSAL DOOR HANDLE ACTUATOR 101139958

Note: Closed guard device = 0° in contact switch travel diagrams. | The factory-set switching angle is 3°. | Until the limit of the mechanical life has been reached the angle can increase up to 8° under normal wear-out conditions. | The positive break angle is 5°.

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	27-27-06-09
eCl@ss Number, Version 9.0	27-27-06-90
ETIM 6.0	EC002591
ETIM 7.0	EC000200
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Protection Class of Operating Resource	3
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	240
Minimum Cable Cross Section (mm ²)	1.5
Minimum Mechanical Life	5000000 Operations
Minimum Positive Break Force (N)	16
No. of Safety Contacts	1

Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	Normally open contact (NO)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	AC-15
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Brass
Gross Weight (g)	3828.63
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Mounting Type	A screw length of 25 mm is sufficient for sensor mounting and for side mounting of the actuators. 30 mm long screws are recommended when the actuator is mounted upright and/or when the sealing discs are used.
Net Weight (g)	55
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	13 AWG

Dimensions

Height (mm)	75
Sensor Height (mm)	25
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP65
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Standards

EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)

[Download from here](#)
