

Product No: 101083036

SCHMERSAL STRAIGHT RIGID ACTUATOR 101083036

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.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-06
eCl@ss Number, Version 9.0	27-27-26-06
ETIM 6.0	EC001487
ETIM 7.0	EC002593
Housing Construction Form	Rectangular
Product Type	Accessory
Protection Class of Operating Resource	2
Recommended Actuator	RST 36-1-R
Recommended Safety Switchgear	SRB-E 301
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Assured "OFF" Switching Distance (mm)	20
Assured "ON" Switching Distance (mm)	1
Contact Material	Silver
Design of Control Element	Short-circuit proof, p-type
Integral System Diagnostics Status	Yes
Latching Force (N)	30

Maximum Actuating Speed (m/s)	1
Maximum Bounce Duration (ms)	3
Maximum Cable Cross Section (mm ²)	2.5
Maximum Electrical Power Consumption (W)	10
Maximum Fuse Rating	6 A gG D-fuse
Maximum Holding Force (N)	2600
Maximum Switching Capacity (W)	30
Minimum Actuating Force (N)	9
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	2 x 0.75
Minimum Mechanical Life	20000000 Operations
Minimum Positive Break Force (N)	40
No. of Actuating Directions	3
No. of Normally-open Contacts	2
No. of Safety Contacts	2
Overvoltage Category	3
Positive Break Travel (mm)	10
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	300
Rated Operating Current (mA)	600
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Plug-in connection, top
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Aluminium
Gross Weight (g)	404

Installation Conditions	Quasi-flush
Material of The Cable Mantle	PVC
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Mounting Type	Rear-side mounting holes
Net Weight (g)	34.06
Roller Material	Plastic
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	23 AWG

Dimensions

Cable Length (m)	5
Depth (mm)	252.5
Height (mm)	80
Sensor Height (mm)	92
Sensor Length (mm)	30
Width (mm)	20

Protection & Standards

Degree of Protection	IP67
Pollution Degree	2
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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