

Product No: 101170463

SCHMERSAL TD 441-IIY-M20 MEDIUM-DUTY POSITION SWITCH 101170463

FEATURES

- Medium-duty metal enclosure position switch
- Actuating element: Roller lever
- Switching element: 1 x NC (Normally Closed) contact
- Terminal Connector: Screw connection
- Utilisation category AC-15: 4 A at 400 VAC
- Cable entries: 2 x M20 x 1.5
- Operating temperature range: -30 °C to +90 °C
- IP Rating: IP65 according to IEC/EN 60529

Note: The axis of the hinge must be 5 mm above and in a parallel plane to the top surface of the safety switch. | Minimum actuating radius on hinged guards 35 mm | The actuator is not available separately.

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	Limit Switch
Series	441 roller lever D
Working Principle	Inductive

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	0.3
Maximum Cable Cross Section (mm ²)	2.5

Minimum Cable Cross Section (mm ²)	1 x 0.5
Minimum Mechanical Life	1000000 Operations
No. of Auxiliary Contacts	1
No. of Safety Contacts	1
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	slow action, positive break NC contact
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller plunger S300
Enclosure Material	Aluminium
Gross Weight (g)	80
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	90
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-30
Net Weight (g)	55

Dimensions

Sensor Height (mm)	173.5
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------