

Product No: 101168785

SCHMERSAL TL422-01Y-M20 MEDIUM-DUTY POSITION SWITCH 101168785

FEATURES

- Belt alignment switch with metal enclosure
- 1 opener and 1 shutter
- Continuous adjustment of lever position 360 degrees
- Screw connection terminal connector
- NO (Normally Open) and NC (Normally Closed) contacts
- Thermal test current: 16 A
- Utilisation category AC-15: 230 VAC at 4 A
- IP65 rated for dust and water resistance



Note: Actuation from the side of the plunger should be avoided, since this reduces the mechanical life of the position switch.

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	EC001832
Housing Construction Form	Norm construction design
Product Type	Limit Switch
Series	422 roller lever L
Working Principle	Electromechanical

Technical Attributes

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

Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	50000 Operations
No. of Auxiliary Contacts	2
No. of Safety Contacts	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	30
Rated Short-circuit Current (A)	400
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller plunger R200
Enclosure Material	Aluminium
Gross Weight (g)	60
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	90
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Net Weight (g)	1

Dimensions

Sensor Height (mm)	171.5
Sensor Length (mm)	41

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 60947-5-1 / BG-GS-ET-15

Resources

Product catalogue (Flipbook)	Download from here
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