

Product No: 101163117

SCHMERSAL Z4K236-11Z-M20 POSITION SWITCH 101163117

FEATURES

- Position switch with metal enclosure
- Actuating element: Roller lever
- Switching elements: 1 NO contact and 1 NC contact
- Thermal test current: 10 A
- Utilisation category AC-15: Rated at 230 VAC, 4 A
- Utilisation category DC-13: Rated at 24 VDC, 1 A
- IP Rating: IP67 for dust and water resistance
- Operating temperature range from -30 °C to +80 °C



Note: Switch with 2 NO contacts are not for security tasks

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-27-04
eCl@ss Number, Version 9.0	27-27-27-04
ETIM 6.0	EC001832
ETIM 7.0	EC002549
Housing Construction Form	Norm construction design
Product Type	Limit Switch
Series	236
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2.5
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	1.5

Minimum Positive Break Force (N)	17
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Connector
Thermal Test Current (A)	2.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	3280
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Net Weight (g)	30.302
Wire Cross-Section	0.5 mm

Dimensions

Sensor Height (mm)	180.5
Sensor Length (mm)	32.5

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)

[Download from here](#)
