



Switch TS236-11Z-M20

URL:<https://www.sxplc.com/switch-ts236-11z-m20>

Product data sheet

General Data

Standard BG-GS-ET-15

EN ISO 13849-1

en iec 60947-5-1

Type of housing construction Standard construction design

Actuator type according to EN 50047 B

Housing material Plastic, glass fiber reinforced

Gross weight 72 g

General data - Product characteristics

Safety function yes

Number of auxiliary contacts 1

No. of safety contacts 1 Safety evaluation - Safe outputs

B

10D Normally closed contact (NC) 20,000,000 Operation

Mechanical parameters

Actuating element Straight rod

Mechanical life, min. 20,000,000 operations

Operating force, min. 9 N

Positive break operating force, min. 19 N

Operating speed, min. 60 mm/min

Manipulation speed, max. 1 m/s

Rebound time Rebound time in accordance with actuating speed

Remarks (switching time) Switching time in accordance with the actuating speed

Mechanical parameters - Connection technology

Connector Screw terminal M20 x 1.5

Cable cross section, min. .75 mm²

Cable cross section, max. 2.5 mm²

Note (cable cross-section) All indications including conductor sleeve. Mechanical parameters -
Dimensions

Sensor length 30 mm

Sensor width 30 mm

Sensor height 73.5 mm

Environmental conditions

Protection class IP65

IP67

Operating temperature -30 ... +80 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i

500 V

Rated impulse withstand voltage U_{imp} 6 kV

Electrical parameters

Thermal test current 10 A

Required rated short-circuit current 1,000 A

Application category AC-15 230 VAC

Application category AC-15 4 A

Application Category DC-13 24 VDC

Application Category DC-13 1 A

Switching elements NO contact, NC contact

Switching principle Slow-acting

Switching frequency 5,000 /h

Contact material, electrical Silver

