

Catalogue No: **PS31LMS11PRT00**

LIMIT SW 40mm PLASTIC BODY METAL ROLL PLUNGER NO/NC SNAP M20

Field Switching and Sensing > Limit Switches > Limit Switches > Carlo Gavazzi Limit Switches > Standard Duty Plastic Body Limit Switches > Roller Plunger



PS Series Limit Switch, zinc alloy 40mm housing, M20 cable gland, 1NO+1NC snap(+) contact block, metal roller PLUNGER, thermo-plastic body and metal head, IP66 rating

- Plastic body and compact housing
- 30, 40 and 50mm width versions available
- Reinforced UL-V0 thermoplastic fiber-glass body
- Positive Opening Operation
- Immune to electromagnetic disturbances
- Current I_{th} = 10A

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	PS
Component Type Field Switching & Sensing	Limit Switch
Contact Configuration	1 NO + 1 NC
Contact Action	Snap Action action
Actuator Type	Top push roller plunger
Material, actuator	Metal
Current Rating (AC 15 240Vac)G	10 A
I _e , Rated Operational Current, AC-15, 24V	10 A@24V
I _e , Rated Operational Current, AC-15, 130V	5.5 A@130V
I _e , Rated Operational Current, AC-15, 230V	3.1 A@230V
I _e , Rated Operational Current, AC-15, 240V	3 A@240V
I _e , Rated Operational Current, AC-15, 400V	1.8 A@400V
I _e , Rated Operational Current, DC-13, 24V	2.8 A@24V
I _e , Rated Operational Current, DC-13, 110V	0.6 A@110V
I _e , Rated Operational Current, DC-13, 250V	0.27 A@250V
Connection / Termination	Screw Terminal(s)
Conduit Entry	M20 entry
Material, Body / Housing	Plastic material
Height	117 mm
Width	41 mm
Depth	40.5 mm
Safety Application Suitable	No
Operating Temperature, Max	70 °C max
Operating Temperature, Min	-25 °C min
Storage Temperature, Max	80 °C max
Storage Temperature, Min	-30 °C min
IP Rating	IP65
Shock Acceleration (Max.)	50 g

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Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	25 m/s ²
Vibration Frequency, Operational (Max.)	500 Hz
Vibration Rating	EN 60068-2-6
Standards Compliance	UL 508 IEC 60947-1 IEC 60947-5-1 EN 60947-1 EN 60947-5-1 CSA C22.2 No. 14 IEC 60068-2-11 EN 60529 IEC 60068-2-27 IEC 60068-2-6 EN 60068-2-6 IEC 60068-2-3
Certifications	CSA UL CE

REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	PS31Lxx_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	-