

Top push rod plunger



PLN...A...

Order code	Contacts	Degree of protection	Qty per pkg	Wt
			n°	[kg]
PLN A1 A	1NC	IP40	1	0.240
PLN A1 A W		IP65	1	0.240
PLN A2 A	2NC	IP40	1	0.240
PLN A2 A W		IP65	1	0.240
PLN C1 A	1NO	IP40	1	0.240
PLN C1 A W		IP65	1	0.240
PLN C2 A	2NO	IP40	1	0.240
PLN C2 A W		IP65	1	0.240
PLN U1 A	1NO+1NC	IP40	1	0.240
PLN U1 A W		IP65	1	0.240

ⓘ Direct opening operation ⊖ safety function according to IEC/EN 60947-5-1.

Top roller push plunger



PLN...R...

Order code	Contacts	Degree of protection	Qty per pkg	Wt
			n°	[kg]
PLN A1 R	1NC	IP40	1	0.230
PLN A1 R W		IP65	1	0.230
PLN A2 R	2NC	IP40	1	0.230
PLN A2 R W		IP65	1	0.230
PLN C1 R	1NO	IP40	1	0.230
PLN C1 R W		IP65	1	0.230
PLN C2 R	2NO	IP40	1	0.230
PLN C2 R W		IP65	1	0.230
PLN U1 R	1NO+1NC	IP40	1	0.230
PLN U1 R W		IP65	1	0.230

ⓘ Direct opening operation ⊖ safety function according to IEC/EN 60947-5-1.

Roller centre push lever



PLN...H

Order code	Contacts	Degree of protection	Qty per pkg	Wt
			n°	[kg]
PLN A1 H	1NC	IP40	1	0.270
PLN A1 H W		IP65	1	0.270
PLN A2 H	2NC	IP40	1	0.270
PLN A2 H W		IP65	1	0.270
PLN U1 H	1NO+1NC	IP40	1	0.270
PLN U1 H W		IP65	1	0.270

With offset roller.

PLN A1 HSB	1NC	IP40	1	0.290
PLN A1 HSB W		IP65	1	0.290
PLN A2 HSB	2NC	IP40	1	0.290
PLN A2 HSB W		IP65	1	0.290
PLN U1 HSB	1NO+1NC	IP40	1	0.290
PLN U1 HSB W		IP65	1	0.290

ⓘ Direct opening operation ⊖ safety function according to IEC/EN 60947-5-1.



PLN...HSB W

Type	Travel [mm]	Legend
PLN A1 A... PLN A1 R...	1.5 11.5 [mm]	□ open ■ closed
PLN A1 H... PLN A1 HSB...	2.4 20 [mm]	
PLN A2 A... PLN A2 R...	1.5 6.5 [mm]	
PLN A2 H... PLN A2 HSB...	2.4 11.5 [mm]	
PLN C1 A... PLN C1 R...	2.2 11.5 [mm]	
PLN C2 A... PLN C2 R...	4.2 6.4 [mm]	
PLN U1 A... PLN U1 R...	1.5 11.5 5.9 [mm]	
PLN U1 H... PLN U1 HSB...	2.4 20 10.4 [mm]	

General characteristics

The PLN types are for general purpose use. The extensive range of models with numerous of actuators and multiple contact configurations is the optimal solution to the diverse installation requirements. Overall simple design, oversize contacts and choice materials ensure durable and safe operation. The metal alloy housing and resistant thermoplastic actuators warrant reliable heavy-duty features for any sort of operating conditions.

The PLN series limit switches are available with IP40 or IP65 degree of protection; this characteristic is ensured by the use of appropriate sealing gasket.

The IP65 version is easily identified by the "W" suffix of its order code and can be used in adverse ambient conditions.

Operational characteristics

- Maximum operating rate: 3600 cycles/h
- Mechanical life: >10 million cycles
- Utilisation category:
 - DC13 duty: 10A 24V
 - AC15 duty: 5A 250V, 3A 400V
- Conventional thermal current Ith: 10A
- Rated insulation voltage Ui: 400VAC
- Contact resistance: <10mΩ
- Short-circuit backup protection: 10A gG quick fuse
- Degree of protection: IP40 / IP65 (see table indications)
- Housing cable entry: PG11 (PLN...W types only, complete with cable gland)
- Cable connection: screw terminal with clamp suitable for cables up to 2.5mm²
- Tightening torque for switch fixing: 2.5Nm
- Ambient conditions:
 - Operating temperature: -25 ... +70°C
 - Storage temperature: -40...+70°C
 - Suitable for ambient pollution degree: 3.

Certifications and compliance

Certifications obtained: IMQ, GOST.

Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, EN81-1.