

Limit switches - Safety type with pull button reset

Head Types **PO** Steel plunger **PR** Steel plunger with nylon roller **R3** Plastic roller lever on metal plunger **RT** Lever with nylon roller



Family: K

	PS21	PS21	PS21	PS21
	Thermoplastic*	Thermoplastic*	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	30.3 x 88 x 36.5	30.3 x 99 x 36.5	30.3 x 107 x 36.5	39 x 106 x 45

References contact block

Snap 1NO+1NC	⊕	PS21K-PS11PO-T00	PS21K-PS11PR-T00	PS21K-PS11R3-T00	PS43S-PS1105-Y00
Snap 2NC	⊕	PS21K-PS02PO-T00	PS21K-PS02PR-T00	PS21K-PS02R3-T00	PS43S-PS0205-Y00
Slow 1NO+1NC	⊕	PS21K-PT11PO-T00	PS21K-PT11PR-T00	PS21K-PT11R3-T00	PS43S-PT1105-Y00
Slow 2NC	⊕	PS21K-PT02PO-T00	PS21K-PT02PR-T00	PS21K-PT02R3-T00	PS21K-PT02RT-T00



Family: K

	PS42	PS42	PS42	PS42
	Thermoplastic*	Thermoplastic*	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	57 x 81 x 36.5	57 x 92 x 36.5	57 x 100 x 36.5	57 x 99 x 45

References contact block

Snap 1NO+1NC	⊕	PS42K-PS11PO-T00	PS42K-PS11PR-T00	PS42K-PS11R3-T00	PS42K-PS11RT-T00
Snap 2NC	⊕	PS42K-PS02PO-T00	PS42K-PS02PR-T00	PS42K-PS02R3-T00	PS42K-PS02RT-T00
Slow 1NO+1NC	⊕	PS42K-PT11PO-T00	PS42K-PT11PR-T00	PS42K-PT11R3-T00	PS42K-PT11RT-T00
Slow 2NC	⊕	PS42K-PT02PO-T00	PS42K-PT02PR-T00	PS42K-PT02R3-T00	PS42K-PT02RT-T00

Head Types

R4 Roller Lever, external side actuation

LR Roller Lever Ø22, side actuation



Family: K

	PS21	PS42
	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	44 x 107 x 36.5	57 x 112 x 36.5

References contact block

Snap 1NO+1NC	⊕	PS21K-PS11R4-T00	PS42K-PS11LR-T00
Snap 2NC	⊕	PS21K-PS02R4-T00	PS42K-PS02LR-T00
Slow 1NO+1NC	⊕	PS21K-PT11R4-T00	PS42K-PT11LR-T00
Slow 2NC	⊕	PS21K-PT02R4-T00	PS42K-PT02LR-T00

General specifications (for all types)

Degree of protection	IP 65	Rated operational current	
Rated insulation voltage plastic body	(Ui)	Ie/AC-15 230 VAC	3.1 A
according to IEC 60947-1 and EN 60947-1	500 V	Ie/AC-13 24 VDC	2.8 V
according to UL 508, CSA C22-2 n°14	A 600, Q 600	Electrical durability (according to IEC 60947-5-1 annex C)	
Rated insulation voltage metal body	(Ui)	max. switching frequency Cycles/h	3600
according to IEC 60947-1 and EN 60947-1	400 V	load factor	0.5
	500 V	Air temperature near the device	
according to UL 508, CSA C22-2 n°14	A 300, Q 300 (PS21, PS42)	during operation	-25 to +70°C
	A 600, Q 600 (PS31, PS43)	for storage	-30 to +80°C
Conventional enclosed thermal voltage (Uimp)	6 kV	Approvals	CE - UL - CSA

* Also available in metal (Y type) other types available