

Limit switches - Safety type

Head types

Key Actuator 90° adj. head (key must be ordered separately)



Family: S

	PS21	PS42	PS31	PS43
	Thermoplastic*	Thermoplastic*	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	30.3 x 90 x 30	57 x 83 x 33	41.3 x 109.5 x 41	43 x 104.5 x 66

References contact block

Snap 1NO+1NC	⊕	PS21S-PS1105-T00	PS42S-PS1105-T00	PS31S-PS1105-T00	PS43S-PS1105-Y00
Snap 2NC	⊕	PS21S-PS0205-T00	PS42S-PS0205-T00	PS31S-PS0205-T00	PS43S-PS0205-Y00
Slow 1NO+1NC	⊕	PS21S-PT1105-T00	PS42S-PT1105-T00	PS31S-PT1105-T00	PS43S-PT1105-Y00
Slow Ov.**1NO+1NC	⊕	PS21S-PO1105-T00	PS42S-PO1105-T00	PS31S-PO1105-T00	PS43S-PO1105-Y00
Slow 2NC	⊕	PS21S-PT0205-T00	PS42S-PT0205-T00	PS31S-PT0205-T00	PS43S-PT0205-Y00
Slow 2NO+1NC	⊕			PS31S-PT2105-T00	PS43S-PT2105-Y00
Slow 1NO+2NC	⊕			PS31S-PT1205-T00	PS43S-PT1205-Y00
Slow 3NC	⊕			PS31S-PT0305-T00	PS43S-PT0305-Y00

Head types

Key actuator fully turnable head (key must be ordered separately)

Hinge Switch Operated lever*



Family: S / H

	PS21	PS42	PS21	PS42
	Thermoplastic*	Thermoplastic*	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	30.3 x 98.6 x 30	57 x 91.5 x 33	30.3 x 157 x 42	57 x 150 x 42

References contact block

Snap 1NO+1NC	⊕	PS21S-PS1109-T00	PS42S-PS1109-T00	PS21H-PS11HC-T00	PS42H-PS11HC-T00
Snap 2NC	⊕	PS21S-PS0209-T00	PS42S-PS0209-T00	PS21H-PS02HC-T00	PS42H-PS02HC-T00
Slow 1NO+1NC	⊕	PS21S-PT1109-T00	PS42S-PT1109-T00	PS21H-PT11HC-T00	PS42H-PT11HC-T00
Slow Ov.**1NO+1NC	⊕	PS21S-PO1109-T00	PS42S-PO1109-T00	PS21H-PO11HC-T00	PS42H-PO11HC-T00
Slow 2NC	⊕	PS21S-PT0209-T00	PS42S-PT0209-T00	PS21H-PT02HC-T00	PS42H-PT02HC-T00

Head types

Hinge shaft Zinc plated steel

Hinge Shaft Stainless steel



Family: H

	PS21	PS42	PS21	PS42
	Thermoplastic*	Thermoplastic*	Thermoplastic*	Thermoplastic*
Dimensions HxWxD (mm)	30.3 x 79.5 x 51.2	57 x 72.5 x 52.5	30.3 x 79.5 x 51.2	30.3 x 72.5 x 52.5

References Contact Block

Snap 1NO+1NC	⊕	PS21H-PS11HZ-T00	PS42H-PS11HZ-T00	PS21H-PS11HS-T00	PS42H-PS11HS-T00
Snap 2NC	⊕	PS21H-PS02HZ-T00	PS42H-PS02HZ-T00	PS21H-PS02HS-T00	PS42H-PS02HS-T00
Slow 1NO+1NC	⊕	PS21H-PT11HZ-T00	PS42H-PT11HZ-T00	PS21H-PT11HS-T00	PS42H-PT11HS-T00
Slow Ov.**1NO+1NC	⊕	PS21H-PO11HZ-T00	PS42H-PO11HZ-T00	PS21H-PO11HS-T00	PS42H-PO11HS-T00
Slow 2NC	⊕	PS21H-PT02HZ-T00	PS42H-PT02HZ-T00	PS21H-PT02HS-T00	PS42H-PT02HS-T00

* also available in metal (M type)

** Ov. : overlapping travel paths

Limit switches - Safety type

Head types

Pull wire activated head
16m cable max



Family: R

	PS31 Metal	PS43 Metal
Dimensions HxWxD (mm)	40 x 162.75 x 43	63 x 158.25 x 43.3
References contact block		
Snap 1NO+1NC	PS31R-PS11N7-Y00	PS43R-PS11N7-Y00
Snap 2NC	PS31R-PS02N7-Y00	PS43R-PS02N7-Y00
Slow 1NO+1NC	PS31R-PT11N7-Y00	PS43R-PT11N7-Y00
Slow Ov.**1NO+1NC	PS31R-PO11N7-Y00	PS43R-PO11N7-Y00
Slow 2NC	PS31R-PT02N7-Y00	PS43R-PT02N7-Y00
Slow 2NO+1NC	PS31R-PT21N7-Y00	PS43R-PT21N7-Y00
Slow 1NO+2NC	PS31R-PT12N7-Y00	PS43R-PT12N7-Y00
Slow 3NC	PS31R-PT03N7-Y00	PS43R-PT03N7-Y00

Head types

Pull wire activated head
with pull button reset - 16m cable max



Family: H

	PS31 Metal	PS43 Metal
Dimensions HxWxD (mm)	40 x 162.75 x 43	63 x 158.25 x 44
References contact block		
Snap 1NO+1NC	PS31R-PS11N7-YK0	PS43R-PS11N7-YK0
Snap 2NC	PS31R-PS02N7-YK0	PS43R-PS02N7-YK0
Slow 1NO+1NC	PS31R-PT11N7-YK0	PS43R-PT11N7-YK0
Slow Ov.**1NO+1NC	PS31R-PO11N7-YK0	PS43R-PO11N7-YK0
Slow 2NC	PS31R-PT02N7-YK0	PS43R-PT02N7-YK0
Slow 2NO+1NC	PS31R-PT21N7-YK0	PS43R-PT21N7-YK0
Slow 1NO+2NC	PS31R-PT12N7-YK0	PS43R-PT12N7-YK0
Slow 3NC	PS31R-PT03N7-YK0	PS43R-PT03N7-YK0

General specifications (for all types)

Degree of protection	IP 65 (plastic body) IP 66 (metal body)	Rated operational current
Rated insulation voltage plastic body (U _i)	500 V	I _e /AC-15 230 VAC 3.1 A I _e /AC-13 24 VDC 2.8 V
according to IEC 60947-1 and EN 60947-1		
according to UL 508, CSA C22-2 n°14	A 600, Q 600	Electrical durability (according to IEC 60947-5-1 annex C) max. switching frequency Cycles/h
Rated insulation voltage metal body (U _i)	400 V (PS21, PS42) 500 V (PS31, PS43)	3600 load factor 0.5
according to IEC 60947-1 and EN 60947-1		
according to UL 508, CSA C22-2 n°14	A 300, Q 300 (PS21, PS42) A 600, Q 600 (PS31, PS43)	Air temperature near the device during operation -25 to +70°C for storage -30 to +80°C
Conventional enclosed thermal voltage (U _{imp})	6 kV	Approvals CE - UL - CSA

* also available in metal (Y type) ** Ov. : overlapping travel paths