5N Type 2R Light Touch Switches

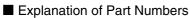
Type: **EVQ2**

■ Features

- Wealth of product types: With or without a ground terminal, vertical type, snap-in terminals, etc.
- Can be automatically dip-soldered: Integral molding of the terminals and main body prevents the escape of flux.



• Operating switches for electronic equipment





Product Code

Type

Height Pu

Push Plate Color

■ Product Chart

O=Standard

Operating	Positioning Pin	Ground Terminal	Height			
Force			4.3 mm	5.0 mm	7.0 mm	9.5 mm
1.0 N	Without positioning pin	With ground terminal	0	0	0	0
		Without ground terminal	0	0	0	0
1.3 N	Without positioning pin	With ground terminal	0	0	0	0
		Without ground terminal	0	0	0	0
1.6 N	Without positioning pin	With ground terminal	0	0	0	0
		Without ground terminal	0	0	0	0
2.6 N	Without positioning pin	With ground terminal	0	0	0	0
		Without ground terminal	0	0	0	0

■ Specifications

Type		Snap action/Push-on type SPST			
	Circuit Diagram	A			
EL .: .	Rating	10 μA 2 Vdc to 20 mA 15 Vdc (Resistiv load)			
Electrical	Contact Resistance	50 m $Ω$ max.			
	Insulation Resistance	50 M Ω min. (at 100 Vdc)			
	Dielectric Withstanding Voltage	250 Vac for 1 minute			
	Bouncing	3 ms max. (ON) 8 ms max. (OFF)			
Mechanical	Operating Force	1.0 N±0.4 N 1.3 N±0.4 N 1.6 N±0.5 N	2.6 N±0.6 N		
	Travel	0.25 mm±0.10 mm			
Endurance	Operating Life	100000 cycles min.*	50000 cycles min.		
Operating Temperatu	ure	−20 °C to +70 °C			
Storage Temperature	9	-40 °C to +85 °C (Bulk) -20 °C to +40 °C (Taping)			
Minimum Quantity/ Packing Unit	Top-push	1000 pcs. Radial Taping (Reel Pack)			
Quantity/Carton	Top-push	10000 pcs.			

*1 million cycles also available, consult our salesmen.

EVQ22709K

■ Dimensions in mm (not to scale)

EVQ2 With ground terminal 2-terminals type Without ground terminal The direction of Por Q side is randomly settled. 1.3 max. 6.0±0.3 1.0 max 12.7±1.0 1.3 max. E-E' Section 8.0 Adhesive tape shall not extend beyond 0.6 0.3 (A) 0.5 base paper 3.85±0.70 18.0^{+1}_{-0} 6.0±0.5 9.0±0.6 Ε \mathbb{I} 18.0+0 Circuit diagram φ4.0±0.3 6.35±0.70 12.7±0.3 JIS C0806-2 shall be applied to the items not specified here. φ1.00±0.05 PWB mounting hole for reference (Pitch tolerance: ±0.1) View from mounting side Part Numbers Operating Force Push Plate Color Operating Life H=Height EVQ21304M 1.0 N 4.3 mm White 100000 cycles EVQ21305R 1.0 N 5.0 mm Red 100000 cycles EVQ21307K 1.0 N 7.0 mm Black 100000 cycles EVQ21309K 1.0 N 9.5 mm Black 100000 cycles EVQ21404M 1.3 N White 4.3 mm 100000 cycles EVQ21405R 1.3 N Red 5.0 mm 100000 cycles EVQ21407K 1.3 N 7.0 mm Black 100000 cycles EVQ21409K 1.3 N Black 100000 cycles 9.5 mm EVQ21504M 1.6 N 4.3 mm White 100000 cycles EVQ21505R 1.6 N 5.0 mm Red 100000 cycles EVQ21507K 1.6 N 7.0 mm Black 100000 cycles EVQ21509K 1.6 N 9.5 mm Black 100000 cycles EVQ22704M 2.6 N 4.3 mm White 50000 cycles EVQ22705R 2.6 N 5.0 mm Red 50000 cycles EVQ22707K 2.6 N 7.0 mm Black 50000 cycles

2.6 N

50000 cycles

9.5 mm

Black