

5N Type Side-operational Light Touch Switches

Type: **EVQPF**



■ Features

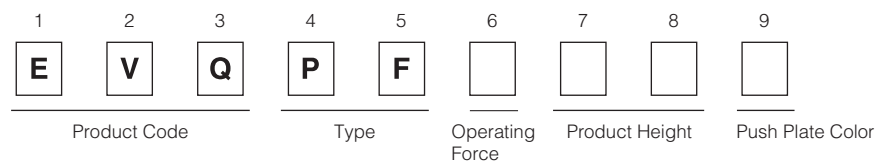
- Wealth of product types: Horizontal type, snap-in terminals, etc.
- Can be automatically dip-soldered: Integral molding of the terminals and main body prevents the escape of flux.

! To Be Discontinued
Last time buy: December 31, 2020

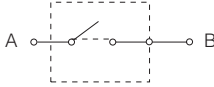
■ Recommended Applications

- Operating switches for other electronic equipment

■ Explanation of Part Numbers



■ Specifications

Type	Snap action/Push-on type SPST	
Electrical	Circuit Diagram	
	Rating	10 μA 2 V DC to 20 mA 15 V DC (Resistive load)
	Contact Resistance	50 mΩ max.
	Insulation Resistance	50 MΩ min. (at 100 V DC)
	Dielectric Withstanding Voltage	250 V AC for 1 minute
Mechanical	Bouncing	3 ms max. (ON) 8 ms max. (OFF)
	Operating Force	1.0 N±0.4 N 1.3 N±0.4 N 1.6 N±0.5 N
Endurance	Travel	0.25 mm±0.10 mm
	Operating Life	100,000 cycles min.*
Operating Temperature		-20 °C to +70 °C
Storage Temperature		-40 °C to +85 °C (Bulk)
Minimum Quantity/Packing Unit		500 pcs. Polyethylene Bag (Bulk)
Quantity/Cartron		10,000 pcs.

*1 million cycles also available, consult our salesmen.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

EVQPF	<p>General dimension tolerance : ± 0.3 () dimensions are reference dimensions.</p> <div style="border: 1px solid red; padding: 5px; display: inline-block;"> To Be Discontinued Last time buy: December 31, 2020 </div>			
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>PWB mounting hole for reference (PWB thickness=1.6 mm) View from mounting side</p> </div> <div style="text-align: center;"> <p>Circuit diagram</p> </div> </div>			
Part Numbers	Operating Force	ℓ=Push Plate Place	Push Plate Color	Operating Life
EVQPF003M	1.0 N	3.15 mm	White	100,000 cycles
EVQPF004R	1.0 N	3.85 mm	Red	100,000 cycles
EVQPF006K	1.0 N	5.85 mm	Black	100,000 cycles
EVQPF008K	1.0 N	8.35 mm	Black	100,000 cycles
EVQPF103M	1.3 N	3.15 mm	White	100,000 cycles
EVQPF104R	1.3 N	3.85 mm	Red	100,000 cycles
EVQPF106K	1.3 N	5.85 mm	Black	100,000 cycles
EVQPF108K	1.3 N	8.35 mm	Black	100,000 cycles
EVQPF203M	1.6 N	3.15 mm	White	100,000 cycles
EVQPF204R	1.6 N	3.85 mm	Red	100,000 cycles
EVQPF206K	1.6 N	5.85 mm	Black	100,000 cycles
EVQPF208K	1.6 N	8.35 mm	Black	100,000 cycles
EVQPF303M	2.6 N	3.15 mm	White	50,000 cycles
EVQPF304R	2.6 N	3.85 mm	Red	50,000 cycles
EVQPF306K	2.6 N	5.85 mm	Black	50,000 cycles
EVQPF308K	2.6 N	8.35 mm	Black	50,000 cycles

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