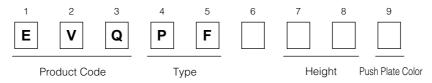
# 5N Type Side-operational Light Touch Switches

## 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.
- Recommended Applications
- Operating switches for other electronic equipment

### ■ Explanation of Part Numbers



## ■ Specifications

Туре		Snap action/Push-on type SPST	
	Circuit Diagram	A 0 B	
Electrical	Rating	10 μA 2 Vdc to 20 mA 15 Vdc (Resistiv load)	
	Contact Resistance	50 m $\Omega$ max.	
	Insulation Resistance	50 MΩ 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 Temperature		−20 °C to +70 °C	
Storage Temperature		-40 °C to +85 °C (Bulk)	
Minimum Quantity/ Packing Unit	Top-push	500 pcs. Polyethylene Bag (Bulk)	
Quantity/Carton	Top-push	10000 pcs.	

<sup>\*1</sup> million cycles also available, consult our salesmen.

#### ■ Dimensions in mm (not to scale)

**EVQPF** 0.5 max 7.0±0.5 7.0±0.1 -φ1.3<sup>+0.1</sup> ÓΒ PWB mounting hole for reference Circuit diagram (PWB thickness=1.6 mm) View from mounting side Operating Force ℓ = Push Plate Place
Push Plate Color Operating Life Part Numbers EVQPF003M 1.0 N 3.15 mm White 100000 cycles EVQPF004R 1.0 N 3.85 mm Red 100000 cycles EVQPF006K 1.0 N 5.85 mm Black 100000 cycles EVQPF008K 1.0 N 8.35 mm Black 100000 cycles EVQPF103M 1.3 N White 3.15 mm 100000 cycles EVQPF104R 1.3 N 3.85 mm Red 100000 cycles EVQPF106K 1.3 N 5.85 mm Black 100000 cycles EVQPF108K 1.3 N 8.35 mm Black 100000 cycles EVQPF203M 1.6 N 3.15 mm White 100000 cycles EVQPF204R 1.6 N 3.85 mm Red 100000 cycles EVQPF206K 1.6 N 5.85 mm Black 100000 cycles EVQPF208K 1.6 N 8.35 mm Black 100000 cycles EVQPF303M 2.6 N 3.15 mm White 50000 cycles EVQPF304R 2.6 N 3.85 mm Red 50000 cycles EVQPF306K 2.6 N 5.85 mm Black 50000 cycles EVQPF308K 2.6 N 8.35 mm Black 50000 cycles