



## PushButton for EV Charging Application



Littelfuse C&K ATP Family is a series of high-strength and lightweight switches with Illumination & Backlighting Integration, the IP67 rating guarantees they'll survive dusty and wet conditions, while the IK10 rated actuators with stainless steel or aluminum alloy housing ensures they're highly resilient to vandalism. The ATP Family includes the ATP16, ATP19, and ATP22 series with panel cut-outs of 16 millimeter, 19 millimeter, and 22 millimeter respectively.

With its illuminating function, strong haptics feeling, it can be widely used in the application EV Charging Plug Function.

### ATP Series



#### Features

- Momentary or Lock version.
- IP67 sealed & IK10 (Stainless steel bushing only)
- Various color of LED illuminate indicator
- Choices of pushbutton with symbol: spot, ring or power logo

#### Benefits

- Meets the market requirements on haptic & sound, with clear "click" sound feedback
- Light weight, High strength, Corrosion resistance, meets the market requirements on vandal-resistant
- Various options on color LED indicator and marking to meet customer's design flexibility

Specifications			
Specifications	ATP16	ATP19	ATP22
Rating	2A/36VDC	1th 5A/250VAC. resistive load 3A/250VAC	
Electrical life	200,000(Momentary), 100,000 (Locked) Make-And-Break Cycles At Full Load	50,000 make-and-break cycles at full load (Momentary or lock)	
Mechanical life	1,000,000 Cycles.	Momentary 1,000,000. / Self-lock 500,000	
Insulation resistance	1,000MΩ Min. at 500VDC	1,000MΩ Min. AT 500VDC	
Dielectric strength	2,000V RMS @ sea level	2,000V RMS @ sea level	
Contact resistance	50mΩMax. @1A/12VDC (initial value)	50mΩ MAX. @1A 12VDC (initial value)	
Travel	about 2.0mm	About 3.2mm.	
Operation pressure	4.5N±1.5N	1Pole 1.5~2.5N. / 2Pole 2.2~3.5N	
Torque	11.5 kgf · cm.	5~14Nm.	