

**E-SWITCH ANNOUNCEMENT**  
**E-Switch Announces Push-Pull Switches Rated up to 1HP**



**E-Switch's PP1 and PP2 Series Pushbutton Switches Offer Push-Pull Functionality Rated up to 1HP**

MINNEAPOLIS, MN --- E-Switch announces the PP1 and PP2 series pushbutton switch, featuring push-pull functionality with momentary functions. This pushbutton switch has high power ratings and is rated to 1HP. There are various actuator and terminal options available with these switches. UL rated. Specifications include:



**E-Switch's PP1 and PP2 Series Illuminated Pushbutton**  
(300 dpi version is attached)

- Electrical Life:** 6,000 cycles
- Mechanical Life:** 50,000 cycles
- Contact Rating:** 16A 125VAC, 12A 250VAC and 1HP 125/250VAC
- Contact Resistance (Initial Max):** 50 milliohms max
- Contact Arrangement:** SPDT
- Insulation Resistance:** 2 Megaohms min
- Dielectric Strength (1 min):** 500 VAC
- Force:** 300 gf to 500 gf
- Travel:** Push only: 9.4mm; Push-Pull: 5.0mm push, 5.7mm pull
- Operating/Storage Temperature:** 0°C to +85°C

Markets and applications for the PP series pushbutton switches include appliance/white goods, HVAC, and Industrial controls.

Visit E-Switch at [www.e-switch.com](http://www.e-switch.com) to request your full-line catalog! You can also request a sample of one of over 4,000 discrete part numbers for one of your projects!

**About E-Switch.** In 2009, E-Switch, Inc. acquired Lamb Industries and now offers one of the broadest switch lines available today. Both companies have been delivering innovative and quality switches to the electronics, telecom, high tech, instrumentation, industrial, appliance and consumer markets since 1979. Located in Minneapolis, Minnesota, and Portland, Oregon, their global reach extends to Europe, Asia and Latin America. Products include Rocker, Toggle, Slide, Tact, Pushbutton, Dip, Rotary, Keylock, Snap Action, Power, illuminated switches, and more. E-Switch has local reps, distributors, engineers and account managers on hand to provide specifying assistance and quick response to requests, along with a top notch sampling and cross-referencing program. E-Switch's online catalogs include complete specifications, drawings and schematics.

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