

# PUSHBUTTON SWITCHES OVERVIEW

| SERIES | FEATURE                                           | ACTUATION                             | MAX RATING<br>(Resistive @ 28VDC) | SEAL RATING                                                              | APPROVALS                                                  | MOUNTING                                           | CIRCUITRY        |
|--------|---------------------------------------------------|---------------------------------------|-----------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|------------------|
| LP3    | LED Lighted                                       | Momentary Action                      | 5A                                | Unsealed,<br>IP6K4 or IP6K8S                                             | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 15/32"<br>Threaded or Press Fit            | SPST-DB, SPDT-DB |
| LP3S   | Shorter LED<br>Lighted                            | Momentary Action                      | 5A                                | Unsealed,<br>IP6K4 or IP6K8S &<br>IP6K9K                                 | N/A                                                        | 5/8" Threaded<br>or Press Fit                      | SPST-DB, SPDT-DB |
| LP3-V  | LED Lighted<br>Vandal Resistant                   | Momentary Action                      | 5A                                | IP6K4 or IP6K8S                                                          | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 3/4"<br>Threaded                           | SPST, SPDT-DB    |
| LP3S-V | Shorter LED<br>Lighted Vandal<br>Resistant        | Momentary Action                      | 5A                                | IP6K4 or IP6K8S &<br>IP6K9K                                              | N/A                                                        | 5/8" or 3/4"<br>Threaded                           | SPST-DB, SPDT-DB |
| LP5    | LED Lighted                                       | Alternate Action                      | 5A                                | Unsealed,<br>IP6K4 or IP6K8S                                             | UL (E61705)                                                | 5/8" or 15/32"<br>Threaded or Press Fit            | SPST, SPDT       |
| LP5-V  | LED Lighted<br>Vandal Resistant                   | Alternate Action                      | 5A                                | IP6K4 or IP6K8S                                                          | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 3/4"<br>Threaded                           | SPST, SPDT       |
| LP7    | Dome Shape,<br>Compact Bezel                      | Momentary Action                      | 5A                                | IP6K8S                                                                   | N/A                                                        | Press Fit                                          | SPST-DB, SPDT-DB |
| LP7-D  | Dome Shape,<br>Anodized Case                      | Momentary Action                      | 5A                                | IP6K4 or IP6K8S                                                          | N/A                                                        | 15/32" Threaded                                    | SPST-DB, SPDT-DB |
| LP9    | LED Lighted                                       | Momentary Action                      | 5A                                | IP6K8S                                                                   | N/A                                                        | 15/32" Threaded<br>Snap-In                         | SPST-DB, SPDT-DB |
| LP30M  | LED Lighted,<br>30mm Button,<br>Two Button Styles | Momentary Action                      | 5A                                | IP6K4 or IP6K8S                                                          | N/A                                                        | M30 Threaded                                       | SPST, SPDT       |
| LPL    | Indicator Light                                   | N/A                                   | N/A                               | Unsealed,<br>IP6K4 or IP6K8S                                             | N/A                                                        | 5/8" or 15/32"<br>Threaded or Press Fit            | N/A              |
| P1     | Mil Grade                                         | Momentary Action,<br>Push-Pull Option | 10A                               | MIL-PRF-8805<br>Design 2, 3 or IP6K8S                                    | UL (E61705)<br>UL1500 Ignition Protected<br>DSCC (QPL8805) | 5/8" or 15/32"<br>Threaded or Press Fit            | SPST-DB, SPDT-DB |
| P2     | Commercial                                        | Momentary Action,<br>Two Step         | 5A                                | MIL-PRF-8805<br>Design 2 & Design 3                                      | N/A                                                        | 5/8" Threaded<br>or Press Fit                      | DPST, DPDT       |
| P3     | Commercial                                        | Momentary Action,<br>Push-Pull Option | 10A                               | IP6K4 or IP6K8S &<br>IP6K9K<br>(except push-pull)                        | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 15/32"<br>Threaded or Press Fit            | SPST-DB, SPDT-DB |
| P3-D   | Dome Shape                                        | Momentary Action                      | 15A                               | IP6K4 or IP6K8S &<br>IP6KK                                               | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" Threaded                                      | SPST-DB, SPDT-DB |
| P4     | 1 to 4 Poles,<br>Custom<br>Pushbutton             | Momentary Action,<br>Two Step         | 8A                                | IP6K4 or IP6K8S                                                          | N/A                                                        | 1/4" or 15/32" or<br>5/8" Threaded or<br>Press Fit | 1 to 4 Poles     |
| P5     | Commercial & Mil<br>Grades                        | Alternate Action                      | 5A                                | Unsealed, IP6K4 &<br>MIL-PRF-8805 Design<br>2 or IP6K8S                  | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 15/32"<br>Threaded or Press Fit            | SPST, SPDT       |
| P5-D   | Dome Shape,<br>Commercial & Mil<br>Grades         | Alternate Action                      | 5A                                | Unsealed, IP64 &<br>MIL-PRF-8805 Design<br>2 or IP6K8S                   | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" Threaded                                      | SPST, SPDT       |
| P5-V   | Vandal Resistant                                  | Alternate Action                      | 5A                                | IP6K4 or IP6K8S &<br>IP6K9K                                              | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 3/4"<br>Threaded                           | SPST, SPDT       |
| P7     | Subminiature,<br>Mil Grade                        | Momentary Action                      | 5A                                | IP6K4 & MIL-PRF-8805<br>Design 2 or IP6K8S &<br>MIL-PRF-8805<br>Design 3 | UL (E61705)<br>UL1500 Ignition Protected<br>DSCC (QPL8805) | 1/4" or 15/32"<br>Threaded or Press Fit            | SPST-DB, SPDT-DB |
| P7-D   | Dome Shape                                        | Momentary Action                      | 5A                                | IP6K4 & MIL-PRF-8805<br>Design 2 or IP6K8S                               | UL (E61705)<br>UL1500 Ignition Protected                   | 15/32"<br>Threaded                                 | SPST-DB, SPDT-DB |
| P8     | Shorter Behind<br>Panel Depth                     | Momentary Action,<br>Push-Pull Option | 10A                               | Unsealed,<br>IP6K4 or IP6K8S                                             | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 15/32" or<br>1/2" Threaded or<br>Press Fit | SPST-DB, SPDT-DB |
| P8-V   | Vandal Resistant                                  | Momentary Action                      | 10A                               | IP6K4 or IP6K8S &<br>IP6K9K                                              | UL (E61705)<br>UL1500 Ignition Protected                   | 5/8" or 3/4"<br>Threaded                           | SPST-DB, SPDT-DB |
| P9     | Dome Shape                                        | Momentary Action                      | 5A                                | IP6K4 or IP6K8S &<br>IP6K9K                                              | N/A                                                        | 15/32" Threaded or<br>Snap-In                      | SPST-DB, SPDT-DB |
| P9M    | Latching                                          | Alternate Action                      | 4A@12VDC                          | IP6K8S                                                                   | N/A                                                        | 15/32" Threaded                                    | SPST-DB          |
| PE     | Mil Grade                                         | Momentary Action                      | 5A                                | Unsealed or<br>MIL-PRF-8805<br>Design 2                                  | DSCC (QPL8805)                                             | 1/4" Threaded                                      | SPST-DB, SPDT-DB |
| PE2    | Mil Grade                                         | Momentary Action                      | 2A                                | Splashproof per<br>MIL-PRF-8805<br>Symbol 6                              | DSCC (QPL8805)                                             | 15/32" Threaded                                    | 2 Circuit, DPDT  |