





































Pushbutton		Rocker	
<p><b>LP3 / LP5</b></p> <ul style="list-style-type: none"> <li>• Momentary/alternate action</li> <li>• IP64 or IP68S</li> <li>• Illum. 2 to 24VDC LED</li> <li>• 5A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>P5</b></p> <ul style="list-style-type: none"> <li>• Alternate action</li> <li>• IP64 &amp; MIL-PRF-8805 Design 2 or IP68S</li> <li>• MIL grade available</li> <li>• Threaded or press fit case</li> <li>• 10A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>P9M</b></p> <ul style="list-style-type: none"> <li>• Latching action</li> <li>• IP68S</li> <li>• 15/32" threaded bushing</li> <li>• Plastic housing and button</li> <li>• Up to 4A @ 12VDC and 3A @ 48VDC</li> </ul> 	<p><b>K1</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S &amp; IP69K</li> <li>• Lighted/Unlighted</li> <li>• 16A @ 28VDC or 125VAC; logic level</li> </ul> 
<p><b>LP3-V / LP5-V</b></p> <ul style="list-style-type: none"> <li>• Momentary/alternate action</li> <li>• IP64 or IP68S</li> <li>• Vandal resistant</li> <li>• Illum. 2 to 24VDC LED</li> <li>• 5A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>P5-D</b></p> <ul style="list-style-type: none"> <li>• Alternate action</li> <li>• IP64 &amp; MIL-PRF-8805 Design 2 or IP68S</li> <li>• Domed button</li> <li>• 5/8" threaded case</li> <li>• 10A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>PE</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• Unsealed or dusttight</li> <li>• MIL-PRF-8805/96</li> <li>• Compact design</li> <li>• Meets high shock &amp; vibration requirements</li> <li>• Up to 5A @ 28VDC or 115VAC</li> </ul> 	<p><b>K2</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S &amp; IP69K</li> <li>• 1 or 2 pole</li> <li>• Lighted/Unlighted</li> <li>• 16A @ 28VDC or 125VAC; logic level</li> </ul> 
<p><b>LP7-D</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64 or IP68S</li> <li>• Flush or raised button</li> <li>• Square button option</li> <li>• Illum. 2 to 12VDC LED</li> <li>• 5A @ 28VDC or low level</li> </ul> 	<p><b>P5-V</b></p> <ul style="list-style-type: none"> <li>• Alternate action</li> <li>• IP64 or IP68S &amp; IP69K</li> <li>• Vandal resistant</li> <li>• Threaded 5/8" or 3/4" case</li> <li>• Alum. or stain. steel housing</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>PE2</b></p> <ul style="list-style-type: none"> <li>• Momentary 2 circuit, DPDT</li> <li>• Splashproof</li> <li>• MIL-PRF-8805/99</li> <li>• Meets high shock &amp; vibration requirements</li> <li>• 2A @ 28VDC or 115VAC</li> </ul> 	<p><b>K3</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S &amp; IP69K</li> <li>• Lighted/Unlighted</li> <li>• SAE printed legends</li> <li>• 20A @ 12/28VDC or 125VAC; logic level</li> </ul> 
<p><b>LP9</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP68S</li> <li>• Lower cost plastic housing</li> <li>• Illum. 2 to 12VDC LED</li> <li>• Low level only option (LP9L)</li> <li>• 5A @ 28VDC or 115VAC</li> </ul> 	<p><b>P7</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64, MIL options or IP68S</li> <li>• Square button option</li> <li>• MIL-PRF-8805/110</li> <li>• Subminiature</li> <li>• 5A @ 28VDC or low level</li> </ul> 	<p><b>T1 Toggle</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• Sealed per MIL-DTL-83731</li> <li>• Lockout feature option</li> <li>• 2 &amp; 3 position</li> <li>• 2, 3, 4, 6 &amp; 8 pole</li> <li>• QPL options</li> <li>• Up to 5A @ 28VDC; low level</li> </ul> 	<p><b>K4</b></p> <ul style="list-style-type: none"> <li>• Mom/Main/Ctr. off</li> <li>• IP68S &amp; IP69K</li> <li>• Snap-in toggle</li> <li>• 1 or 2 pole</li> <li>• Lighted/Unlighted</li> <li>• 16A @ 28VDC or 125VAC; logic level</li> </ul> 
<p><b>P1</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• MIL-PRF 8805 Design 2 or Design 3 or IP68S</li> <li>• 7 case styles</li> <li>• 10A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>P7-D</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64, IP68S or MIL options</li> <li>• 15/32" threaded case</li> <li>• N.O., N.C. or 2-circuit</li> <li>• Square button option</li> <li>• 5A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>T3</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• MIL seal options</li> <li>• Lockout feature option</li> <li>• Miniature toggle</li> <li>• QPL options</li> <li>• 1 or 2 pole</li> <li>• 5A @ 28VDC or 115VAC</li> </ul> 	<p><b>K5</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S &amp; IP69K</li> <li>• Soft touch rocker</li> <li>• Lighted/Unlighted</li> <li>• SAE printed legends</li> <li>• 20A @ 28VDC or 115VAC; logic level</li> </ul> 
<p><b>P2</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• MIL-PRF 8805 Design 2 and Design 3</li> <li>• 1-step and 2-step versions</li> <li>• Unique 3-mode design</li> <li>• 5A @ 28VDC or 125VAC; logic level</li> </ul> 	<p><b>P8</b></p> <ul style="list-style-type: none"> <li>• Momentary or push pull action</li> <li>• IP64 or IP68S</li> <li>• 7 bezel styles</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>T7</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S &amp; IP69K</li> <li>• Lower cost toggle</li> <li>• 1 or 2 pole</li> <li>• 16A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>R2</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S</li> <li>• Rotary knob</li> <li>• Lighted/Unlighted</li> <li>• 20A @ 28VDC or 115VAC; logic level</li> </ul> 
<p><b>P3</b></p> <ul style="list-style-type: none"> <li>• Momentary or push pull action</li> <li>• IP64 or IP68S</li> <li>• 5 case styles</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>P8-V</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64 or IP68S &amp; IP69K</li> <li>• Vandal resistant</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> <li>• Threaded 5/8" or 3/4" case</li> <li>• Alum. or stain. steel housing</li> </ul> 	<p><b>T9</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• IP68S</li> <li>• 1 or 2 pole</li> <li>• MIL-PRF-3950 option</li> <li>• Up to 16A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>U2</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64 or IP68S</li> <li>• Made with P8 pushbuttons</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> </ul> 
<p><b>P3-D</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64 or IP68S &amp; IP69K</li> <li>• Domed button style</li> <li>• 5/8" threaded case</li> <li>• 10A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>P9</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP64 or IP68S &amp; IP69K</li> <li>• 15/32" threaded or snap in case</li> <li>• N.O., N.C. or 2-circuit</li> <li>• 5A @ 28VDC or 115VAC; logic level</li> </ul> 	<p><b>TE</b></p> <ul style="list-style-type: none"> <li>• Momentary/maintained action</li> <li>• Sealed per MIL-DTL-8834</li> <li>• 1 or 2 pole</li> <li>• Threaded bushing</li> <li>• 5A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>Accessories</b></p> <p><b>Sealing Boots</b></p> <ul style="list-style-type: none"> <li>• Pushbuttons</li> <li>• Toggles</li> <li>• Rockers</li> </ul> 
<p><b>P4</b></p> <ul style="list-style-type: none"> <li>• 2-step &amp; momentary action</li> <li>• IP68S seal option</li> <li>• 1 to 4 poles</li> <li>• 8 case styles</li> <li>• RF shielded options</li> <li>• 8 circuit forms</li> </ul> 	<p><b>P9C</b></p> <ul style="list-style-type: none"> <li>• Momentary action</li> <li>• IP68S</li> <li>• 15/32" threaded case</li> <li>• N.O. only</li> <li>• Lower cost P9</li> <li>• 3,000,000 cycles</li> <li>• 100mA @ 1-32VDC</li> </ul> 	<p><b>Toggle Guards</b></p> <ul style="list-style-type: none"> <li>• QPL MS25224, MS27752</li> <li>• For 2 &amp; 3 pos toggle with 15/32" bushing</li> <li>• Spring loaded cover</li> <li>• Slotted or flat keyway</li> </ul> 	<p><b>Flip Guards</b></p> <ul style="list-style-type: none"> <li>• For pushbutton switches with 15/32" bushing</li> <li>• Spring loaded cover</li> <li>• Easy front panel installation</li> <li>• Optional D flat or mounting tabs</li> </ul> 

ISO 9001, ISO 14001 and RoHS / Reach / WEEE compliant designs

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Hall	Trim	Basic	Noteworthy Designs
<p><b>HPL</b></p> <ul style="list-style-type: none"> <li>Proportional output pushbutton</li> <li>Electronics IP65 or IP68S</li> <li>10,000,000 cycles</li> <li>9 Button color choices</li> <li>Rocker version available</li> <li>Termination style choices</li> </ul> 	<p><b>T1 Mini Trim</b></p> <ul style="list-style-type: none"> <li>2-way momentary action</li> <li>IP64, IP68S or MIL-PRF-8805 Design 3</li> <li>MIL grade options</li> <li>Threaded or press fit case</li> <li>Center pushbutton option</li> <li>1A @ 28VDC or low level</li> </ul> 	<p><b>B1/B1-5</b></p> <ul style="list-style-type: none"> <li>Ultra small subminiature</li> <li>Unsealed</li> <li>MIL grade options</li> <li>Integral levers on B1-5</li> <li>2A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>TC Switch Module</b></p> <ul style="list-style-type: none"> <li>Up to 5 positions</li> <li>IP68S</li> <li>Incorporates keypad functionality</li> <li>Top or rear mount</li> <li>LED backlighting available</li> <li>Legends available</li> </ul> 
<p><b>HPW</b></p> <ul style="list-style-type: none"> <li>Proportional output paddle or lever</li> <li>Electronics IP68S</li> <li>1,000,000 cycles</li> <li>Self centering single axis actuator</li> <li>EMI/RFI immunity</li> <li>8 output options</li> </ul> 	<p><b>T4/T4-T Mini Trim</b></p> <ul style="list-style-type: none"> <li>4-way momentary action</li> <li>IP64, IP68S or MIL-PRF-8805 Design 3</li> <li>Positive click action</li> <li>MIL grade options</li> <li>Threaded or press fit case</li> <li>1A @ 28VDC or low level</li> </ul> 	<p><b>B2/B2-5</b></p> <ul style="list-style-type: none"> <li>Subminiature</li> <li>Unsealed</li> <li>MIL-PRF-8805/4 &amp; /106 &amp; /109</li> <li>Integral levers on B2-5</li> <li>7A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>P6</b></p> <ul style="list-style-type: none"> <li>Sealed limit switch</li> <li>Sealed per MIL-PRF-8805 Design 3</li> <li>Pin or rear plunger</li> <li>Axial or radial leads</li> <li>One-piece housing</li> <li>Up to 7A @ 28VDC or 115VAC; low level</li> </ul> 
<p><b>HP7</b></p> <ul style="list-style-type: none"> <li>Momentary action pushbutton (ON/OFF)</li> <li>Electronics IP64 or IP68S</li> <li>10,000,000 cycles</li> <li>Domed button choices</li> <li>Mechanical detent option</li> <li>Termination style choices</li> <li>Lower cost version HP7C</li> </ul> 	<p><b>T5 Mini Trim</b></p> <ul style="list-style-type: none"> <li>2-way or 4-way momentary action plus pushbutton</li> <li>IP64, IP68S or MIL-PRF-8805 Design 3</li> <li>MIL grade options</li> <li>Threaded or press fit case</li> <li>Lenient option</li> <li>1A @ 28VDC or low level</li> </ul> 	<p><b>B3</b></p> <ul style="list-style-type: none"> <li>Subminiature</li> <li>Unsealed</li> <li>MIL grade options</li> <li>Integral lever option</li> <li>MIL-PRF-8805/76 &amp; 101</li> <li>Up to 8A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>P6-3</b></p> <ul style="list-style-type: none"> <li>Sealed limit switch</li> <li>Sealed per MIL-PRF-8805 Design 3</li> <li>Compact design</li> <li>Four actuator styles</li> <li>Precision operating points</li> <li>10A @ 28VDC</li> </ul> 
<p><b>HTL/HTLT</b></p> <ul style="list-style-type: none"> <li>Proportional output finger joystick</li> <li>Electronics IP68S</li> <li>2-way, 4-way &amp; 360° actuation</li> <li>EMI/RFI immunity</li> <li>Redundant outputs option</li> <li>HTLT has pushbutton option</li> </ul> 	<p><b>T8 Mini Trim</b></p> <ul style="list-style-type: none"> <li>8-way momentary action</li> <li>IP64, IP68S or MIL-PRF-8805 Design 3</li> <li>Threaded or press fit case</li> <li>MIL grade options</li> <li>2A @ 28VDC or low level</li> </ul> 	<p><b>B5</b></p> <ul style="list-style-type: none"> <li>Miniature</li> <li>Unsealed</li> <li>QPL &amp; MIL grade options</li> <li>Terminal choices</li> <li>10A @ 28VDC or 115VAC; low level</li> </ul> 	<p><b>P3-30101-1</b></p> <ul style="list-style-type: none"> <li>Large diameter pushbutton snaps on to special style body with leads</li> <li>IP64</li> <li>1,000,000 cycles</li> <li>10A @ 28VDC or 115VAC</li> </ul> 
<p><b>HTW</b></p> <ul style="list-style-type: none"> <li>Proportional output thumbwheel</li> <li>Electronics IP68S</li> <li>3,000,000 cycles</li> <li>8 output options</li> <li>EMI/RFI immunity</li> <li>Detent option available</li> <li>Miniature style option (HTWM)</li> </ul> 	<p><b>T8-T Mini Trim</b></p> <ul style="list-style-type: none"> <li>8-way momentary action</li> <li>Positive tactile feedback</li> <li>IP64, IP68S or unsealed</li> <li>Threaded or press fit case</li> <li>MIL grade options</li> <li>2A @ 28VDC or low level</li> </ul> 	<p><b>B5-7</b></p> <ul style="list-style-type: none"> <li>Miniature</li> <li>Unsealed</li> <li>2 pole</li> <li>MIL grade options</li> <li>10A @ 28VDC or low level</li> </ul> 	<p><b>P1 Push Pull</b></p> <ul style="list-style-type: none"> <li>Push/Pull switch</li> <li>Sealed per MIL-PRF-8805 Design 3</li> <li>MIL grade</li> <li>5/8" threaded case</li> <li>10A @ 28VDC or 115VAC</li> </ul> 
<p><b>HTWF</b></p> <ul style="list-style-type: none"> <li>Proportional output thumbwheel</li> <li>Electronics IP68S</li> <li>EMI/RFI immunity</li> <li>8 output options</li> <li>Friction hold actuation</li> <li>Rocker switch mounting</li> </ul> 	<p><b>T2 Large Trim</b></p> <ul style="list-style-type: none"> <li>2-way plus pushbutton</li> <li>MIL-PRF-8805 Design 4</li> <li>MIL grade options</li> <li>Lockout feature</li> <li>1 &amp; 2 pole</li> <li>Threaded or press fit case</li> <li>Up to 5A @ 28VDC or low level</li> </ul> 	<p><b>U2-096 Pendant</b></p> <ul style="list-style-type: none"> <li>Remote handheld pushbutton</li> <li>Coiled cord extends to 20'</li> <li>Terminated with a connector</li> <li>5A @ 28VDC</li> </ul> 	<p><b>U2-605</b></p> <ul style="list-style-type: none"> <li>Two-Step trigger switch</li> <li>IP68S</li> <li>Special housing can be sealed to grip</li> <li>Uses OTTO P8 pushbutton switches</li> <li>10A @ 28VDC or 115VAC</li> </ul> 
<p><b>HTWE</b></p> <ul style="list-style-type: none"> <li>Proportional output thumbwheel</li> <li>Electronics IP68S</li> <li>1,000,000 cycles</li> <li>Return to end single axis actuator</li> <li>EMI/RFI immunity</li> <li>8 output options</li> <li>Miniature style option (HTWME)</li> </ul> 	<p><b>T4/T5 Large Trim</b></p> <ul style="list-style-type: none"> <li>4-way momentary toggle with or without center pushbutton</li> <li>MIL-PRF-8805 Design 2 or 4</li> <li>MIL grade options</li> <li>Up to 5A @ 30VDC</li> </ul> 	<p><b>U7</b></p> <ul style="list-style-type: none"> <li>Unsealed, IP64 or IP68S</li> <li>High performance</li> <li>Single &amp; dual switch configurations</li> <li>Color, cable and connector choices</li> </ul> 	<p><b>J3 Transducer</b></p> <ul style="list-style-type: none"> <li>Short travel</li> <li>IP67S or MIL-PRF-8805, Symbol 2</li> <li>1,000,000 cycles</li> <li>Short concave button style</li> <li>Full bridge circuit type</li> </ul> 
<p><b>HFNR</b></p> <ul style="list-style-type: none"> <li>Forward/Neutral/Reverse rocker</li> <li>Electronics IP68S</li> <li>3,000,000 cycles</li> <li>Backlight 2-24VDC LED</li> <li>EMI/RFI immunity</li> <li>Snap in panel mounting</li> <li>8 output options</li> </ul> 	<p><b>Split Trim</b></p> <ul style="list-style-type: none"> <li>Two 2-way momentary action switches</li> <li>Water resistant per MIL-STD-810F, method 506.4, procedure 3</li> <li>Tactile response</li> <li>MIL grade options</li> <li>2A @ 28VDC; low level</li> </ul> 	<p><b>U2-034</b></p> <ul style="list-style-type: none"> <li>Remote handheld pushbutton</li> <li>Option to terminate with a 1/4" right angle molded phone plug</li> <li>24" coiled cord, extends to 15'</li> <li>5A @ 28VDC</li> </ul> 	<p><b>Custom T3 Toggle</b></p> <ul style="list-style-type: none"> <li>Add a legend, lettering or logo</li> <li>Snap-action contact actuation</li> <li>Lever lockout options</li> <li>15/32-32 bushing</li> <li>5A @ 28VDC or 115VAC</li> <li>Anodized handle available in a variety of colors</li> </ul> 

ISO 9001, ISO 14001 and RoHS / Reach / WEEE compliant designs

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