





















# Selection guide - Section A

## Toggle switches

										
<b>Series</b>	<b>ZL</b>	<b>SMT TL</b>	<b>TL</b>	<b>S and SF</b>	<b>5000</b>	<b>21000N</b>	<b>10600</b>	<b>11000</b>	<b>12000</b>	<b>12000X778</b>
<b>Page</b>	<b>A-2</b>	<b>A-4</b>	<b>A-6</b>	<b>A-12</b>	<b>A-21</b>	<b>See website</b>	<b>A-54</b>	<b>A-57</b>	<b>A-65</b>	<b>A-72</b>
<b>Poles</b>	1	1	1,2	1,2	1,2,3,4	1,2	1,2	1,2,3,4	2,3,4	2,3,4
<b>Maximum ratings</b>	500mA 48VDC	0,4VA 20V AC/DC	0,5A 48V AC/DC	(2A 250VAC)* 4A 30VDC	(3A 250VAC)* 4A 30VDC	4A 30VDC	3A 24VDC	4A 30VDC	4A 30VDC	4A 30VDC
<b>Bushing dimension</b>										
Ø6 (.236)	X									
Ø6,35 (1/4)				X	X	X		X		
Ø10 (.393)							X			
Ø11,9 (15/32)					X				X	X
<b>Mounting options</b>										
Horizontal SMT		X								
Vertical right angle SMT		X								
Vertical - Through hole	X		X	X	X			X	X	X
Horizontal - Through hole			X	X	X	X		X		
Vert. right angle Through hole			X	X	X					
Panel	X			X	X	X	X	X	X	X
<b>Terminal options</b>										
PCB	X	X	X	X	X	X		X	X	X
Solder lugs	X			X	X		X	X	X	X
Quick-connect					X					
Wire wrap			X		X					
<b>Sealing</b>	No	Process sealed	Process sealed	Process sealed	Optional	Optional	No	Optional	Optional	IP67

										
<b>Series</b>	<b>1000</b>	<b>1500</b>	<b>1600/1700</b>	<b>4600/4400</b>	<b>600H</b>	<b>600NH</b>	<b>660</b>	<b>3500</b>	<b>3600NF</b>	<b>6000</b>
<b>Page</b>	<b>A-79</b>	<b>See website</b>	<b>See website</b>	<b>A-82</b>	<b>A-88</b>	<b>A-93</b>	<b>A-94</b>	<b>A-96</b>	<b>A-101</b>	<b>A-104</b>
<b>Poles</b>	1	1	1	1,2,3	1,2,3	1,2,3	4	1,2	1,2	1,2,3,4
<b>Maximum ratings</b>	6A 30VDC	(6A 250VAC)* 5A 12VDC	4A 30VDC	(4A 250VAC)*	(15A 250VAC)* 10A 24VDC	(15A 250VAC)* 10A 24VDC	10A 30VDC	15A 28VDC	(6A 250VAC)* 15A 28VDC	6,5A 30VDC
<b>Bushing dimension</b>										
Ø11,9 (15/32)								X		X
Ø12 (.472)	X	X	X	X	X	X	X		X	
<b>Mounting options</b>										
Vertical Through hole				X						
Panel	X	X	X	X	X	X	X	X	X	X
<b>Terminal options</b>										
PCB				X						
Solder lugs	X	X	X	X	X	X	X	X	X	X
Quick-connect	X	X	X	X	X	X	X	X	X	X
Screw	X		X		X	X	X	X	X	X
<b>Sealing</b>	No	No	No	No	Optional	No	Optional	IP67, IP69K	IP67	Optional

( )\* See applicable approvals