


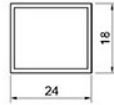
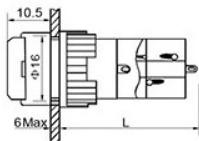


## LAS1 Pushbuttons, Illuminated Pushbuttons

### Product Outline

Shape	Contact Configuration	Operation Type	Type Number	Remarks
Round (can be used with lamp) 	1NO, 1NC	Momentary	LAS1Y - 11/Δ/▲/○	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <span style="color: red;">R</span> <span style="color: green;">G</span> <span style="color: yellow;">Y</span> <span style="color: blue;">B</span> <span style="color: white;">W</span> <span style="color: black;">N</span> </div> <div> <p>⊙ The black cover can't be used with the illuminated push buttons</p> <p>⊙ Protective Degree: IP40, IP67; IP67 should be installed with seal covers.</p> </div> </div>
		Alternate	LAS1Y - 11Z/Δ/▲/○	
	2NO, 2NC	Momentary	LAS1Y - 22/Δ/▲/○	
		Alternate	LAS1Y - 22Z/Δ/▲/○	
	3NO, 3NC	Momentary	LAS1Y - 33/Δ/▲/○	
		Alternate	LAS1Y - 33Z/Δ/▲/○	
	4NO, 4NC	Momentary	LAS1Y - 44/Δ/▲/○	
		Alternate	LAS1Y - 44Z/Δ/▲/○	
Square (can be used with lamp) 	1NO, 1NC	Momentary	LAS1F - 11/Δ/▲/○	
		Alternate	LAS1F - 11Z/Δ/▲/○	
	2NO, 2NC	Momentary	LAS1F - 22/Δ/▲/○	
		Alternate	LAS1F - 22Z/Δ/▲/○	
	3NO, 3NC	Momentary	LAS1F - 33/Δ/▲/○	
		Alternate	LAS1F - 33Z/Δ/▲/○	
	4NO, 4NC	Momentary	LAS1F - 44/Δ/▲/○	
		Alternate	LAS1F - 44Z/Δ/▲/○	
Rectangular (can be used with lamp) 	1NO, 1NC	Momentary	LAS1J - 11/Δ/▲/○	
		Alternate	LAS1J - 11Z/Δ/▲/○	
	2NO, 2NC	Momentary	LAS1J - 22/Δ/▲/○	
		Alternate	LAS1J - 22Z/Δ/▲/○	
	3NO, 3NC	Momentary	LAS1J - 33/Δ/▲/○	
		Alternate	LAS1J - 33Z/Δ/▲/○	
	4NO, 4NC	Momentary	LAS1J - 44/Δ/▲/○	
		Alternate	LAS1J - 44Z/Δ/▲/○	

### Shape and Dimensions



Type	L
pilot lamp	20mm
Monopole (1NO, 1NC)	29mm
Dipole (2NO, 2NC)	36.5mm
Three-pole (3NO, 3NC)	44mm
Quadrupole (4NO, 4NC)	51.5mm

### Specifications

Operating Temperature		-25°C ~ +55°C (no freezing)
Operating Humidity		45 ~ 85%RH (no condensation)
Contact Material		- silver - silver alloy - gold-clad silver, cladding thickness is 3 μm
Contact Pressure		About 0.3N (about 30g)
Contact Resistance		≤ 50mΩ
Insulation Resistance		≥ 100MΩ
Rated insulation Voltage		250V, ac/dc
Dielectric strength	Between contact and lamp terminals:	2000V, AC 50Hz, 1min
	Between terminal of the same pole:	1000V, AC 50Hz, 1min
	Between terminal of different pole:	2000V, AC 50Hz, 1min
Vibration Resistance		50Hz, amplitude 1.2mmP-P
Shock Resistance		≥ 10g
Life	Mechanical	Momentary Type 1,000,000times Alternate, Selector and Key-lock Type 500,000times
	Electrical	50,000times
	Terminal	Diameter of welded wire: 2 × 0.8mm max Area of copper wire: 0.75mm <sup>2</sup>
Solder Heat Resistance		230°C (no more than 3 second)