

AS 1601 series

Features

As1601 series products are characterized by unique and nice operation mechanism, the switch operation presents instantaneous and soft, the short operation switch user reliable gold and silver plating contact and connection terminal, suitable for following fields of AC 50Hz~60Hz, AC/DC 250V digital control machine tool; machinery, electric power, telecommunication, automation equipment, instrument and so on.

The product is equipped with LED lamp of super brightness and clear irradiation face, which has one current limiting resistor and one protection



► Technical parameters

Contactor resistance		$\leq 50\text{m}\Omega$
Insulation resistance		$\geq 100\text{m}\Omega$
Contact Resistance		2000VAC 1min
Shock resistance		10~55Hz 0.75mm DA
Vibration resistance		Durability: 500 Misoperation: 200
Performance life	Mechanical	Push button: 1×10^7 OPS
		Self-lock: 2.5×10^6 OPS
		Turn button: 2.5×10^6 OPS
		Key button: 2.5×10^6 OPS
	Electrical	Other: 1×10^6 OPS
		Push button: 1.5×10^6 OPS
Vibration resistance		-25°C ~ +70°C (No dew coagulation)
Humidity		45%~98% RH
Protection		IP40

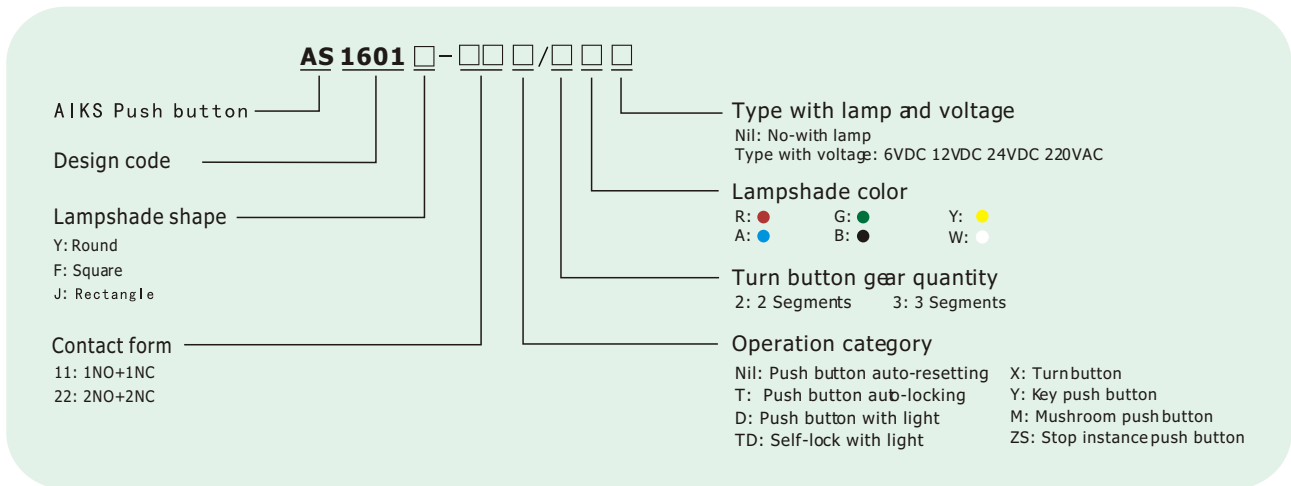
► LED lamp data

Color	R:Red, G:Green, B:Black Y:Yellow, A:Blue, W:White
Light bead specification	AS1601-L
Rating voltage	6V, 12V, 24VDC 220VAC*
Rating current	15mA
Electrical endurance	50,000hrs

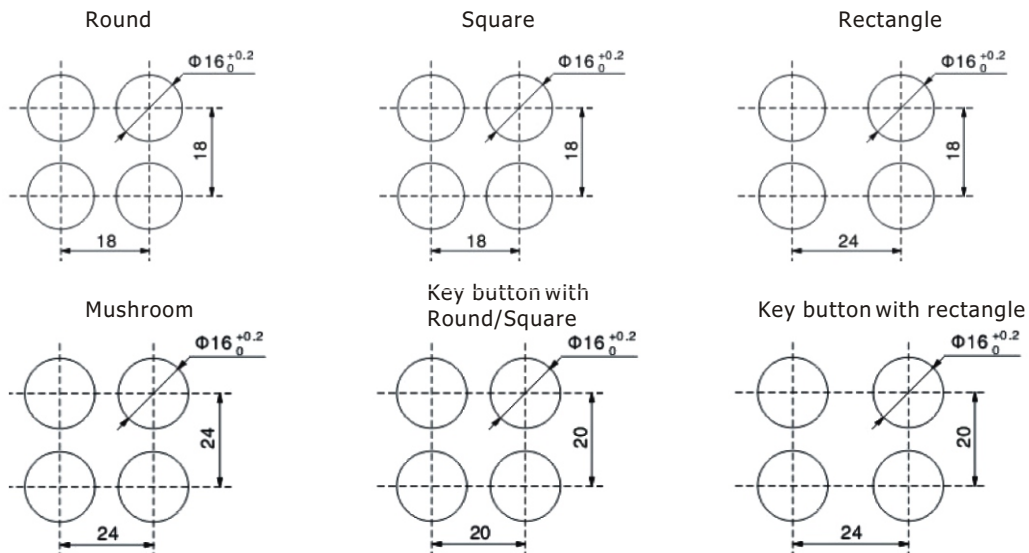
► Contact parameters

Rated working voltage		3A		
Rated working current		24V	110V	220V
Rate form (Max current)	AC(Resistant)	-	-	0.5A
	Inductive	-	-	-
	DC(Resistant)	10A	0.2A	-
	Inductive	-	-	-
Contact material		Silveroxidation cadmium		



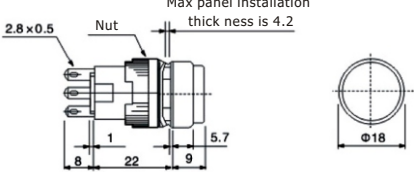


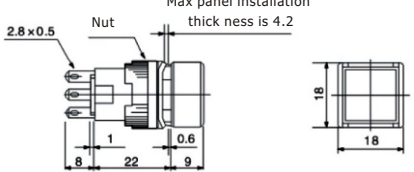


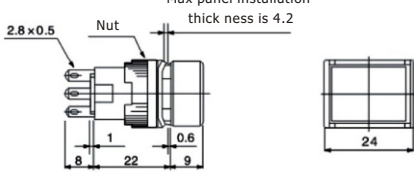


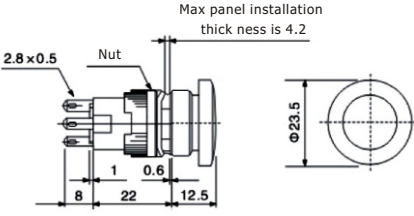


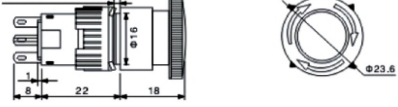


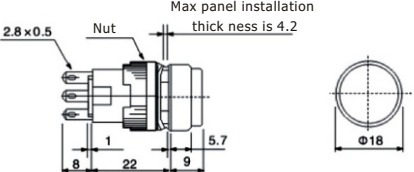
► Model interpretation



► Installation size diagram Unit: mm




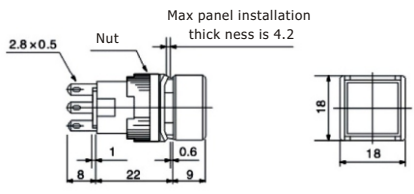

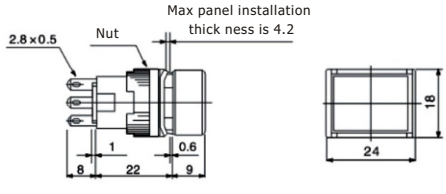

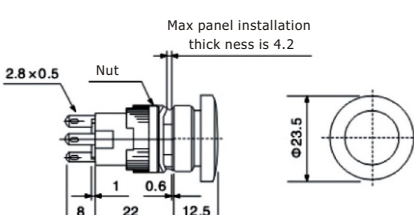
► Description


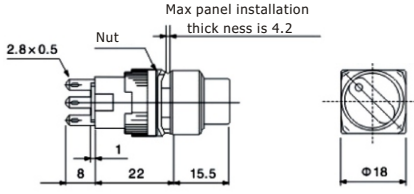

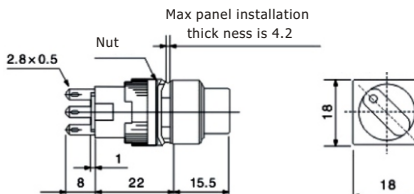

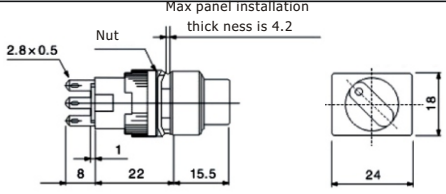
Shape	Work mode	Contact	Model	Lampshade color	Outline size(mm)
Round 	Self-restoring	1NO+1NC	AS1601Y-11		
		2NO+2NC	AS1601Y-22		
	Self-locking	1NO+1NC	AS1601Y-11T		
		2NO+2NC	AS1601Y-22T		
Square 	Self-restoring	1NO+1NC	AS1601F-11		
		2NO+2NC	AS1601F-22		
	Self-locking	1NO+1NC	AS1601F-11T		
		2NO+2NC	AS1601F-22T		
Rectangle 	Self-restoring	1NO+1NC	AS1601J-11		
		2NO+2NC	AS1601J-22		
	Self-locking	1NO+1NC	AS1601J-11T		
		2NO+2NC	AS1601J-22T		
Mushroom 	Self-restoring	1NO+1NC	AS1601Y-11M		
		2NO+2NC	AS1601Y-22M		
	Self-locking	1NO+1NC	AS1601Y-11MT		
		2NO+2NC	AS1601Y-22MT		
Stop instant 	Press to lock and rotade 60° on the right to reset	1NO+1NC	AS1601Y-11ZS		
		2NO+2NC	AS1601Y-22ZS		
Round 	Self-restoring with light	1NO+1NC	AS1601Y-11D□		
		2NO+2NC	AS1601Y-22D□		
	Self-locking with light	1NO+1NC	AS1601Y-11TD□		
		2NO+2NC	AS1601Y-22TD□		

※: 1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm, tolerance should be ± 0.2 mm; outline dimension > 1 mm and ≤ 5 mm, tolerance should be ± 0.3 mm; outline dimension > 5 mm, tolerance should be ± 0.4 mm

2) □ Denotes the type with lamp and different voltages



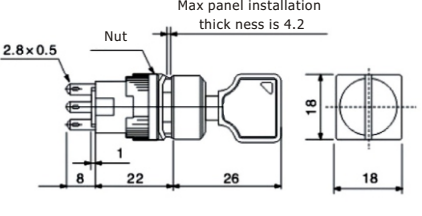


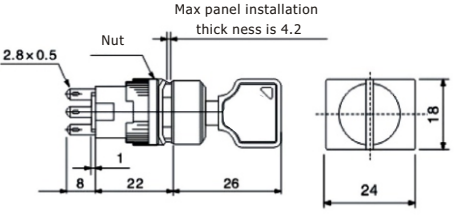


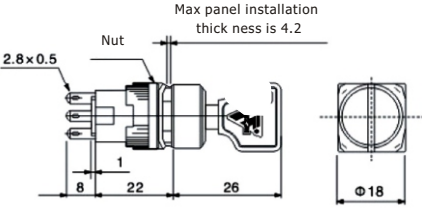
► Description

Shape	Work mode	Contact	Model	Lampshade color	Outline size(mm)
Square 	Self-restoring with light	1NO+1NC	AS1601F-11D□	A G R W Y	 Max panel installation thick ness is 4.2 Dimensions: 18x18mm
		2NO+2NC	AS1601F-22D□		
	Self-locking with light	1NO+1NC	AS1601F-11TD□		
		2NO+2NC	AS1601F-22TD□		
Rectangle 	Self-restoring with light	1NO+1NC	AS1601J-11D□	A G R W Y	 Max panel installation thick ness is 4.2 Dimensions: 24x18mm
		2NO+2NC	AS1601J-22D□		
	Self-locking with light	1NO+1NC	AS1601J-11TD□		
		2NO+2NC	AS1601J-22TD□		
Mushroom 	Self-restoring with light	1NO+1NC	AS1601Y-11MD□	G R	 Max panel installation thick ness is 4.2 Dimensions: Ø23.5mm
		2NO+2NC	AS1601Y-22MD□		
	Self-locking with light	1NO+1NC	AS1601Y-11MTD□		
		2NO+2NC	AS1601Y-22MTD□		

Shape	Work mode	Contact	Model	Lampshade color	Outline size(mm)
Round 	L R 90° 2 Digital lock	1NO+1NC	AS1601Y-11/2	B	 Max panel installation thick ness is 4.2 Dimensions: Ø18mm
		2NO+2NC	AS1601Y-22/2		
	L R 45° 3 Digital lock	2NO+2NC	AS1601Y-22X/3		
Square 	L R 90° 2 Digital lock	1NO+1NC	AS1601F-11/2	B	 Max panel installation thick ness is 4.2 Dimensions: 18x18mm
		2NO+2NC	AS1601F-22/2		
	L R 45° 3 Digital lock	2NO+2NC	AS1601F-22X/3		
Rectangle 	L R 90° 2 Digital lock	1NO+1NC	AS1601J-11X/2	B	 Max panel installation thick ness is 4.2 Dimensions: 24x18mm
		2NO+2NC	AS1601J-22X/2		
	L R 45° 3 Digital lock	2NO+2NC	AS1601J-22X/3		

※: □ Denotes the type with lamp and different voltages

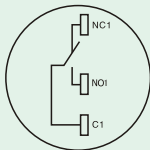
► Description

Shape	Work mode	Contact	Model	Lampshade color	Outline size(mm)
Round 	L R 90° 2 Digital lock	1NO+1NC	AS1601Y-11Y/2		
		2NO+2NC	AS1601Y-22Y/2		
	L C R 45° 3 Digital lock	2NO+2NC	AS1601Y-22Y/3		
Square 	L R 90° 2 Digital lock	1NO+1NC	AS1601F-11Y/2		
		2NO+2NC	AS1601F-22Y/2		
	L C R 45° 3 Digital lock	2NO+2NC	AS1601F-22Y/3		
Rectangle 	L R 90° 2 Digital lock	1NO+1NC	AS1601J-11Y/2		
		2NO+2NC	AS1601J-22Y/2		
	L C R 45° 3 Digital lock	2NO+2NC	AS1601J-22Y/3		

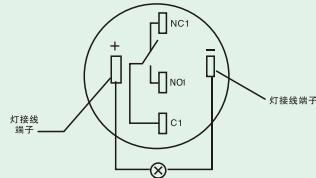
※: 1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1 mm, tolerance should be ± 0.2 mm; outline dimension > 1 mm and ≤ 5 mm, tolerance should be ± 0.3 mm; outline dimension > 5 mm, tolerance should be ± 0.4 mm
 2) □ Denotes the type with lamp and different voltages

► Contact form and connecting wire schematic diagram

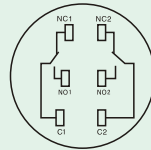
11 : 1NO+1NC



11D : 1NO+1NC+LED



22 : 2NO+2NC



22D : 2NO+2NC+LED

