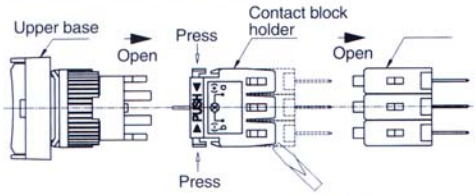
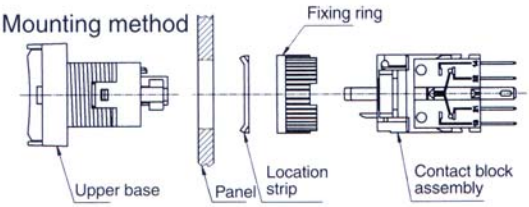
■ Features

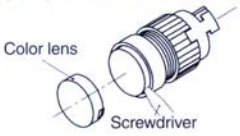
- TN16 series are highly modular detachable swithes, including upper base, contact block holder and contact block. When disassembling, press the contact block holder in the direction of arrow with "Push" by manual or a flat"-" screwdriver to disassemble contact block assembly from upper base. To disassemble contact block from contact block holder, insert the screwdriver in the groove between contact block and contact block holder, then twist it.



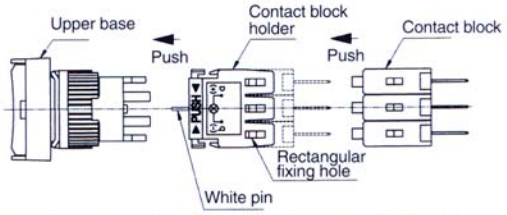
- Mounting method



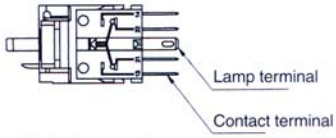
- Method of replacing color lens, insert a flat "-" screwdrive into the groove of the lens twist it.



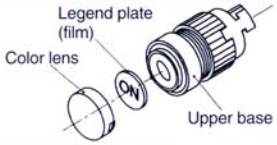
- When Assembling the contact block and contact block holder, aiming the rectangular spot on the contact block to the rectangular fixing hole on the conact block holder, then push in. Aiming the white pin of the contact block assembly to the slot of white pin located on the upper base to bassemble the switch.



- The lamp terminal for pilot lamp and illuminated push button switch is in the middle position which is 90 degrees from other terminals.

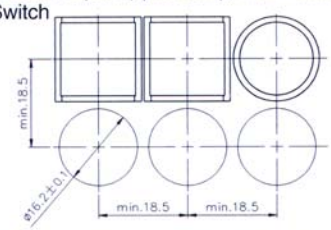


- The legend plate can be removed by detaching the lens, and replace the legend plate you need.

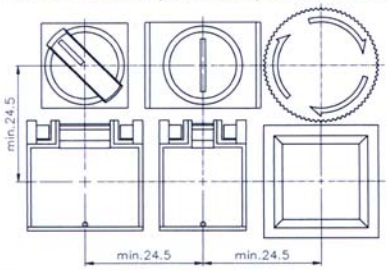


■ The space of mounting holes (mm)

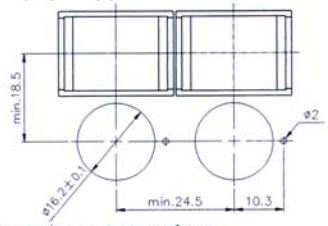
- (Round, square) pilot lamp, illuminated push button Switch



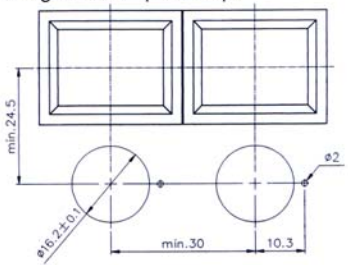
- (Round, square, rectangular) selector, key switch
  (Round, square) waterproof cap
  (Rectangular) protection cover
  Mushroom head, push-lock push button Switch



- (Rectangular) pilot lamp, illuminated push button Switch(Square) protection cover



- Rectangular waterproof cap

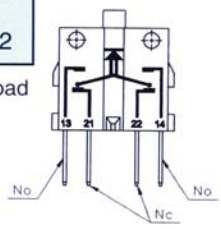


■ CHARACTERISTICS

Contact resistance	50mΩ max. (initial)
Insulation resistance	100MΩ min. (at 500VDC)
Dielectric strength	1000VAC,50/60 Hz for 1 minute between non-continuous terminals 2000VAC,50/60 Hz for 1 minute between current-carrying part and ground
Vibration	Mechanical durability: 10 to 55Hz 1.5mm double amplitude
Shock	Mechanical durability: Approx. 500m/sec^2 (approx. 50G's) Malfunction durability: Approx. 500m/sec^2 (approx. 50G's)
Ambient operating temperature	Operating: -25℃ to 55℃ Storage: -30℃ to 80℃
Humidity	45% to 80% RH
Mechanical Life (min)	Momentary: 2,000,000 Alternate: 250,000
Electrical Life (min)	Momentary: 100,000(1800 operations/hour) Alternate: 100,000(1200 operations/hour)

■ RATING(CONTACT)

Rated insulation voltage			250V AC/DC		
Rated continuous current(A)			5A		
Rated operating current(A)					
AC			DC		
Voltage	AC13	AC12	Voltage	DC13	DC12
110V	1.0	1.5	24V	0.7	1
220V	0.7	1.0	110V	0.15	0.2

AC13/DC13: Inductive load; AC12/DC12: Resistivw load

■ CONTACT CONFIGURATION