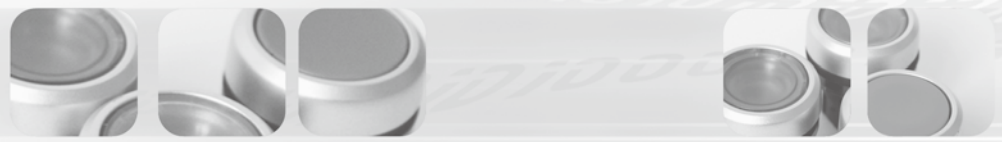


2020/01

22mm Pushbutton

LA42(A)





Overview

The LA42(A) series of pushbutton is a breakthrough product after elaborate research and design with 12 years' manufacturing experience of pushbuttons. The new style of self-locking connection and freely superimposed contact module make the products more flexible in application. This series product can be divided into two types: slow action type and fast action type, the fresh internal structure make the handle become more better

Slow action type gives expression to being safer than before due to its compulsive function of cutting; Fast action type will make sounds while either being turned on or off as a reminder with the contactor having the function of self-cleaning to prolong its life span effectively at the same time.

Working Condition

| | | | |
|---------------------|--|-----------------------------|-----------|
| Working environment | -25°C ~ +60°C | Installation type | class III |
| Pollution rating | class III | Maximum installation height | ≤2000m |
| Anti-Vibration | 10~2000Hz·1mm·15g | Relative air humidity | ≤98% |
| Protection degree | IP65 The product with "TH" can work normally in humid tropics atmosphere environment | | |

Main Technical Indexes

Rated insulation voltage: AC400V

Conventional thermal current: 10A

Power frequency voltage withstand: 2500V/min

Use type: AC-15, DC-13

| Use type | Rated insulation voltage U _i V | Rated working voltage U _e V | Rated working current I _e A | Conventional thermal current I _{th} A |
|----------|---|--|--|--|
| AC-15 | 400 | 220 | 6 | 10 |
| | | 380 | 4 | |
| DC-13 | 400 | 110 | 1 | 10 |
| | | 220 | 0.6 | |

Mechanical life

| Structure type | Mechanical life(10 thousands beats) | Operation frequency(times/hour) |
|-----------------------------|-------------------------------------|---------------------------------|
| Standard、Illuminated | 100 | 1200 |
| Knob type、self-locking type | 30 | 120 |

Electrical endurance

| Use type | Electrical endurance (10 thousands beats) | Operation frequency(times/hour) |
|----------|---|---------------------------------|
| AC-15 | 60 | 1200 |
| DC-13 | 25 | 1200 |

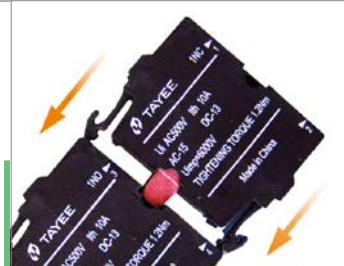


Performance Characteristic



It is convenient to mount and dismount without any tool by fresh self-locking connection. (mount: just make the triangle symbol on the bracket aim at the same symbol on the button head, then push them in lightly; dismount: just move the crimple switch on the bracket with hand, then the contact module will offload)

Freely superimposed contact module make the products more flexible



Protection Degree IP65
Shed-proof bolt



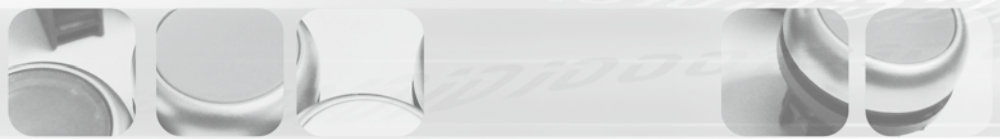
The exterior arc design of button can better meet the demand of Human Engineering



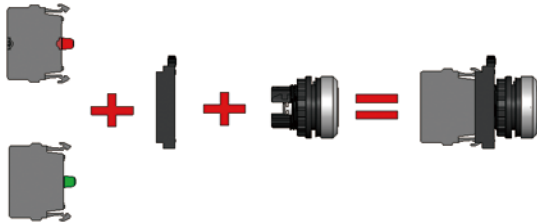
Fresh internal structure of knob switch make a better sense of touch.

Fresh fast action contactor makes users get more choices

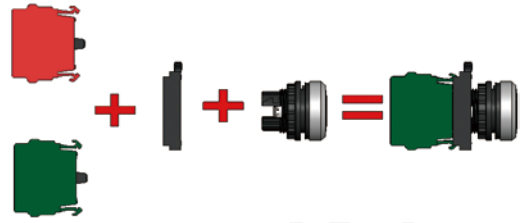




Instruction of puhsbutton selecting



Slow action type




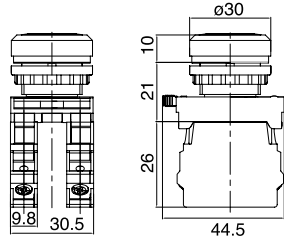

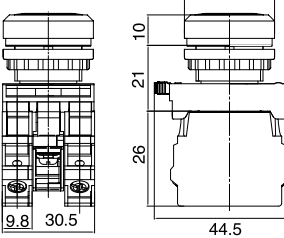

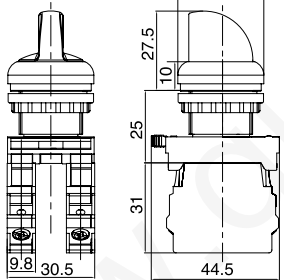





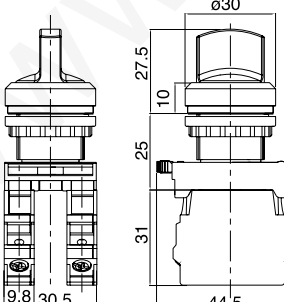




Fast action type

Remark: Full set of pushbutton is composed of three components:button head,bracket,contat module or lamp plate
Except for full set of pushbutton on the catalogue, other configuration should be bought as per accessory seperately.


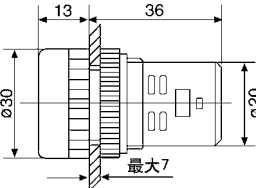





Full set of switch (Slow action type)

| Name | Dimension | Instruction of action | Model No. |
|--|---|--|--|
| Pushbutton  |  | Green slow action PB,1NO Red slow action PB,1NC Green slow action PB, 1NO 1NC Red slow action PB,1NO 1NC | LA42(A)P-10/G ● LA42(A)P-01/R ● LA42(A)P-11/G ● LA42(A)P-11/R ● |
| Illuminated pushbutton  |  | Green slow action illuminated PB 220V, 1NO Red slow action illuminated PB 220V, 1NC Green slow action illuminated PB 220V,1NO1NC Red slow action illuminated PB 220V,1NO 1NC | LA42(A)PD-10/G AC220V ● LA42(A)PD-01/R AC220V ● LA42(A)PD-11/G AC220V ● LA42(A)PD-11/R AC220V ● |
| knob switch  |  |  Two Pos.(60°) Maintenance, slow action knob switch,1NO 1NC  Two Pos.(60°) Maintenance, slow action knob switch,2NO  Three Pos.(60°) Maintenance, slow action knob switch,1NO 1NC  Three Pos.(60°) Maintenance, slow action knob switch,2NO | LA42(A)X2-11/B ● LA42(A)X2-20/B ● LA42(A)X3-11/B ● LA42(A)X3-20/B ● |
| knob switch  |  |  Two Pos.(60°) Maintenance, slow action knob switch,1NO 1NC  Two Pos.(60°) Maintenance, slow action knob switch,2NO  Three Pos.(60°) Maintenance, slow action knob switch,1NO 1NC  Three Pos.(60°) Maintenance, slow action knob switch,2NO | LA42(A)XT2-11/B ● LA42(A)XT2-20/B ● LA42(A)XT3-11/B ● LA42(A)XT3-20/B ● |

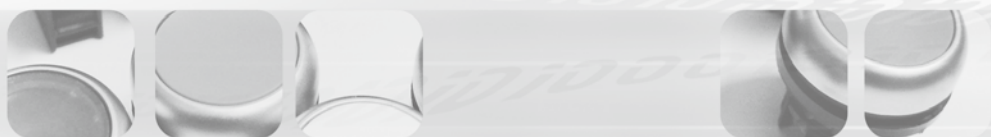
Full set of switch list

| Name | Dimension | Instruction of action | Model No. |
|---|---|--|--|
| Pushbutton  |  | Green fast action PB,1NO Red fast action PB,1NC Green fast action PB, 1NO 1NC Red fast action PB,1NO 1NC | LA42(A)P-10K/G ● LA42(A)P-01K/R ● LA42(A)P-11K/G ● LA42(A)P-11K/R ● |
| Illuminated pushbutton  |  | Green fast action illuminated PB 220V, 1NO Red fast action illuminated PB 220V, 1NC Green fast action illuminated PB 220V,1NO1NC Red fast action illuminated PB 220V,1NO 1NC | LA42(A)PD-10K/G AC220V ● LA42(A)PD-01K/R AC220V ● LA42(A)PD-11K/G AC220V ● LA42(A)PD-11K/R AC220V ● |
| knob switch  |  |  Two Pos.(60°) Maintenance, fast action knob switch,1NO 1NC  Two Pos.(60°) Maintenance, fast action knob switch,2NO  Three Pos.(60°) Maintenance, fast action knob switch,1NO 1NC  Three Pos.(60°) Maintenance, fast action knob ,2NO | LA42(A)X2-11K/B ● LA42(A)X2-20K/B ● LA42(A)X3-11K/B ● LA42(A)X3-20K/B ● |
| knob switch  |  |  Two Pos.(60°) Maintenance, fast moving knob switch,1NO 1NC  Two Pos.(60°) Maintenance, fast moving knob switch,2NO  Three Pos.(60°) Maintenance, fast moving knob switch,1NO 1NC  Three Pos.(60°) Maintenance, fast moving knob ,2NO | LA42(A)XT2-11K/B ● LA42(A)XT2-20K/B ● LA42(A)XT3-11K/B ● LA42(A)XT3-20K/B ● |


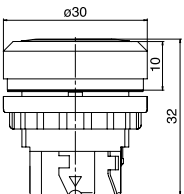


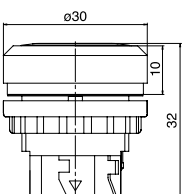


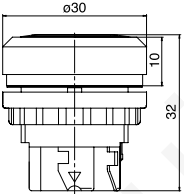


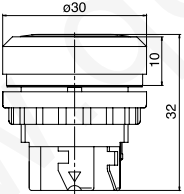


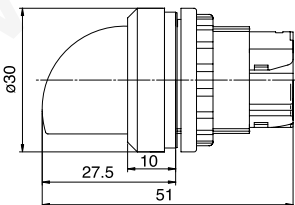


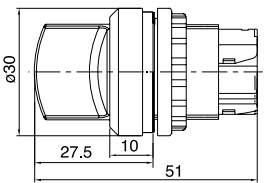


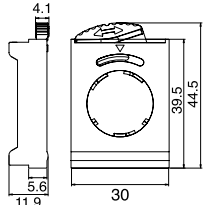

Indicator

| Name | Dimension | Model No. & Action instruction | Voltage | Color |
|--|---|--------------------------------|------------------------------|---|
| indicator  |  | AD17KH / ■ | DC 24V,220V, AC 220V,380V |  R  G  Y  W  S |


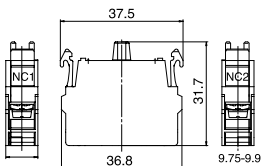


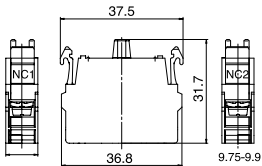


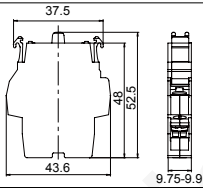

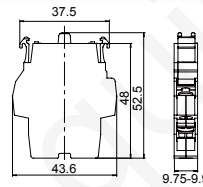


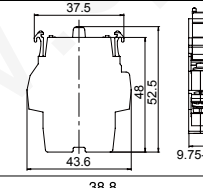


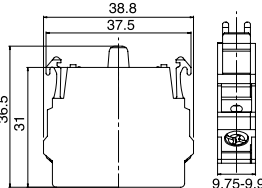


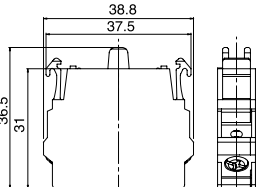


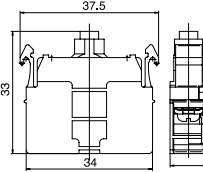







Model Instruction: Remark voltage in the column of "■", Remark color in the column of "■".





Accessories

| Name | Dimension | Model No. & Action instruction | Color |
|---|---|---|---|
| flush PB head  |  | LA42(A)P / ■ |  |
| self-locking PB head  |  | LA42(A)PS / ■ |  |
| illuminated PB head  |  | LA42(A)PD / ■ |  |
| self-locking illuminated PB head  |  | LA42(A)PSD / ■ |  |
| two Pos. knob switch head  |  | MaintenanceLA42(A)X2 Auto-reseLA42(A)X2A MaintenanceLA42(A)X29 Auto-reseLA42(A)X2A9 MaintenanceLA42(A)X3 Auto-reseLA42(A)X3A |  |
| two Pos. knob switch head  |  | MaintenanceLA42(A)XT2 Auto-reseLA42(A)XT2A MaintenanceLA42(A)XT29 Auto-reseLA42(A)XT2A9 MaintenanceLA42(A)XT3 Auto-reseLA42(A)XT3A |  |
| bracket  |  | AL02 |  |



| Name | Dimension | Model No. & Action instruction | Color |
|---|---|---|---|
|  1NC(slow moving type) |  | AC01 |  B |
|  1NO(slow moving type) |  | AC10 |  B |
|  2NC(slow moving type) |  | AC02 |  B |
|  2NO(slow moving type) |  | AC20 |  B |
|  1NO 1NC(slow moving type) |  | AC11 |  B |
|  1NC(fast moving type) |  | AK01 |  R |
|  1NO(fast moving type) |  | AK10 |  G |
|  name plate |  | AL01 /   DC 24V,110V, AC 24V,110V, 220V,380V |  R  G  Y  W  S |

Model Instruction: Remark voltage in the column of "  ", Remark color in the column of "  " .