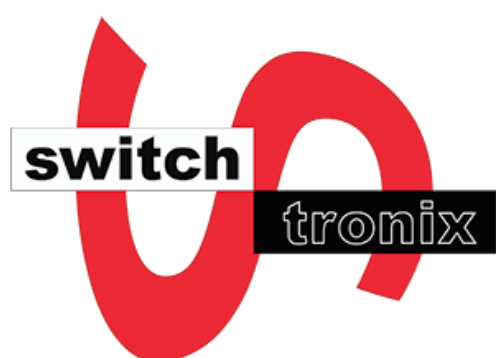




Control and Signaling Systems



Ø12mm 1NO PUSHBUTTONS



- Mini push button with plastic body and thread normally open
- Momentary action (without interlocking)
- 1 NO
- Type: off-(on)
- Led color: green, red, blue, white, black, yellow
- Current: 3A / 250Vac
- Hole diameter: Ø12mm
- Mechanical life: 50000 times
- Screw terminal

[IT4A29AM](#)
[IT4A29AZ](#)
[IT4A29BL](#)
[IT4A29NE](#)
[IT4A29RO](#)
[IT4A29VE](#)



- IP65 not illuminated vandal-proof flat brass nickel-plated push button
- Momentary action (without interlocking)
- 1 NO
- Type: off – (on)
- Current: 3A / 250Vac
- Hole diameter: Ø12mm
- Electrical life: 50000 times
- Screw terminal

[IT4A12M](#)

Ø16mm 1NO PUSHBUTTONS



- IP65 not illuminated vandal-proof flat brass nickel-plated push button
- Momentary action (without interlocking)
- 1 NO
- Type: off – (on)
- Current: 5A / 250Vac
- Hole diameter: Ø16mm
- Electrical life: 50000 times
- Screw terminal

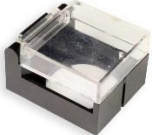
[IT4A13M](#)

Ø19mm 1NO PUSHBUTTONS



- IP65 not illuminated vandal-proof flat brass nickel-plated push button
- Momentary action (without interlocking)
- 1 NO
- Type: off – (on)
- Current: 5A / 250Vac
- Hole diameter: Ø19mm
- Electrical life: 50000 times
- Screw terminal

[IT4A008](#)

Ø16mm 1NO + 1NC ILLUMINATED PUSHBUTTONS 74, 75, 77 series	Optional cover
 • Without interlocking (momentary action): IT4A74012xx, IT4A74024xx, IT4A74220xx • 1NO + 1 NC • Lens colors (xx): yellow, red, green, blue • Hole panel: Ø16mm • Frame size: Ø 18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	
 • With interlocking (not momentary action): IT4A74L12xx, IT4A74L24xx, IT4A74L47xx • 1 NO + 1 NC • Lens colors (xx): red, green • Hole panel: Ø16mm • Frame size: Ø 18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	IT4A74CAP: Protective cover pushbuttons: Ø18 mm and □18x18 mm (IT4A74xxxx and IT4A75xxxx series)
 • Without interlocking (momentary action): IT4A75012xx, IT4A75024xx, IT4A75220xx • 1 NO + 1 NC • Lens colors (xx): yellow, red, green, blue • Hole panel: Ø16mm • Frame size: □18x18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	
 • With interlocking (not momentary action): IT4A75L12xx, IT4A75L24xx, IT4A75L47xx • 1 NO + 1 NC • Lens colors (xx): red, green • Hole panel: Ø16mm • Frame size: □18x18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	
 • Without interlocking (momentary action): IT4A77012xx, IT4A77024xx, IT4A77220xx • 1 NO + 1 NC • Lens colors (xx): yellow, red, green, blue • Hole panel: Ø16mm • Frame size: □24x18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	IT4A77CAP: Protective cover pushbuttons: □18X24 mm (IT4A77xxxx series)
 • With interlocking (not momentary action): IT4A77L12xx, IT4A77L24xx, IT4A77L47xx • 1 NO + 1 NC • Lens colors (xx): red, green • Hole panel: Ø16mm • Frame size: □24x18 mm • Nominal current 3A - 250Vac / 2A - 30Vdc • Voltage lighting: 12V, 24V, 220V	

Ø16mm 1NO + 1NC MUSHROOM EMERGENCY BUTTON



- 24V Illuminated mushroom emergency button
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Cap color: red
- Current: 5A / 250Vac
- Hole diameter: Ø16mm
- Panel push button – button size: 23 mm

[IT4A18R](#)



- Mushroom emergency button
- Momentary action (without interlocking)
- 1NO + 1 NC
- Hole panel: Ø16mm
- Button size: Ø 23,6 mm
- Nominal current 3A - 250Vac / 2A - 30Vdc
- Color button: red

[IT4A831](#)



- Mushroom emergency button
- Maintained action (with interlocking)
- 1NO + 1 NC
- Hole panel: Ø16mm
- Button size: Ø 23,6 mm
- Nominal current 3A - 250Vac / 2A - 30Vdc
- Color button: red

[IT4A830](#)



- Mushroom emergency button with stainless steel metal body
- Maintained action (with interlocking)
- 1NO + 1 NC
- Hole panel: Ø16mm
- Button size: Ø 30 mm
- Nominal current 3A - 250Vac / 2A - 30Vdc
- Color button: red
- IP66

[IT4A832](#)

Ø16mm 1NO + 1NC SELECTOR SWITCH



- 2 positions – selector rotary switch
- 1 NO + 1 NC
- Cap color: black
- Current: 5A / 30 Vdc – 3A / 250 Vac
- Hole diameter: Ø16mm

[IT5A200](#)

Ø16mm 1NO PIEZOELECTRIC PANEL-MOUNT PUSHBUTTON



- Ø 16mm vandal-proof piezoelectric panel-mount anodized red anodized pushbutton
- Nominal voltage: 5..24 Vac/Vdc
- Maximum current: 200 mA
- ON resistance: 10 Ω max // OFF resistance: 5 MΩ min
- Operating force: 6..15 N
- Normal life: 50 million cycles
- Cable length: 300 mm (AWG24)
- Protection: IP68 (IEC529) , IP69K

[IT4AP201](#)

Ø16mm 1NO + 1NC STAINLESS STEEL PUSHBUTTONS



- IP66 Illuminated vandal-proof stainless steel push button
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Led color: green, red, blue
- Led voltage: 12V
- Current: 5A / 250Vac
- Hole diameter: Ø16mm

[IT4A40A](#)

[IT4A40V](#)

[IT4A40R](#)



- IP66 not illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off – (on)
- Current: 5A / 250Vac
- Hole diameter: Ø16mm

[IT4A40M](#)



- IP66 not illuminated vandal-proof flat stainless steel push button
- Maintained action (with interlocking)
- 1 NO + 1 NC
- Type: off – on
- Current: 5A / 250Vac
- Hole diameter: Ø16mm

[IT4A41M](#)



- IP66 illuminated vandal-proof push button made of aluminium
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off – (on)
- Led color: green, red, blue
- Led voltage: 12V
- Current: 5A / 250Vac
- Hole diameter: Ø16mm

[IT4A16012AZ](#)

[IT4A16012VE](#)

[IT4A16012RO](#)



- IP66 illuminated vandal-proof push button made of aluminium
- Maintained action (with interlocking)
- 1 NO + 1 NC
- Type: off – on
- Led color: green, red, blue
- Led voltage: 12V
- Current: 5A / 250Vac
- Hole diameter: Ø16mm

[IT4A16Z012AZ](#)

[IT4A16Z012VE](#)

[IT4A16Z012RO](#)

Ø19mm 1NO + 1NC STAINLESS STEEL PUSHBUTTONS



- IP66 illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Led voltage: 12V, 24V, 220V
- Led colors: red, green, blue
- Current: 5A / 250Vac
- Hole diameter: Ø19mm
- Front size: 21,8 mm
- 2,8mm faston terminal

	12V	24V	220V
Blue	IT4A19012AZ	IT4A19024AZ	IT4A19230AZ
Red	IT4A19012RO	IT4A19024RO	IT4A19230RO
Green	IT4A19012VE	IT4A19024VE	IT4A19230VE



- IP66 illuminated vandal-proof flat stainless steel push button
- Maintained action (with interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Led voltage: 12V, 24V, 220V
- Led colors: red, green, blue
- Current: 5A / 250Vac
- Hole diameter: Ø16mm
- Front size: 21,8 mm
- 2,8mm faston terminal

	12V	24V	220V
Blue	IT4A19Z012AZ	IT4A19Z024AZ	IT4A19Z230AZ
Red	IT4A19Z012RO	IT4A19Z024RO	IT4A19Z230RO
Green	IT4A19Z012VE	IT4A19Z024VE	IT4A19Z230VE



- Conexión válida para los pulsadores:
IT4A19012AZ, IT4A19012RO, IT4A19012VE, IT4A19024AZ,
IT4A19024RO, IT4A19024VE, IT4A19230AZ, IT4A19230VE,
IT4A19230RO, IT4A19Z012AZ, IT4A19Z012RO, IT4A19Z012VE,
IT4A19Z024AZ, IT4A19Z024RO, IT4A19Z024VE, IT4A19Z230AZ,
IT4A19Z230VE, IT4A19Z230RO

[IT4A19CX](#)
[IT4A19CX400](#)



- IP65 non-illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO
- Type: off-(on)
- Current: 5A / 250Vac
- Hole diameter: Ø16mm
- Front size: 21,8 mm
- Screw terminal

[IT4A19MT](#)

Ø19mm 1NO + 1NC MUSHROOM EMERGENCY BUTTON



- Mushroom emergency button with stainless steel metal body
- Maintained action (with interlocking)
- 1NO + 1 NC
- Hole panel: Ø19 mm
- Button size: Ø 24 mm
- Nominal current 3A - 250Vac / 2A - 30Vdc
- Color button: red
- IP65

[IT4A833](#)

Ø22mm 1NO + 1NC STAINLESS STEEL PUSHBUTTONS



- IP66 illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Led voltage: 12V, 24V, 220V
- Cap colors: red, green, blue
- Current: 5A / 250Vac
- Hole diameter: Ø22mm
- Front size: 24,8 mm
- 2,8mm faston terminal

	12V	24V	220V
Blue	IT4A22012AZ	IT4A22024AZ	IT4A22230AZ
Red	IT4A22012RO	IT4A22024RO	IT4A22230RO
Green	IT4A22012VE	IT4A22024VE	IT4A22230VE



- IP66 non-illuminated vandal-proof flat stainless steel push button
- Maintained action (with interlocking)
- 1 NO + 1 NC
- Type: off-(on)
- Led voltage: 12V, 24V, 220V
- Cap colors: red, green, blue
- Current: 5A / 250Vac
- Hole diameter: Ø22mm
- Front size: 24,8 mm
- 2,8mm faston terminal

	12V	24V	220V
Blue	IT4A22Z012AZ	IT4A22Z024AZ	IT4A22Z230AZ
Red	IT4A22Z012RO	IT4A22Z024RO	IT4A22Z230RO
Green	IT4A22Z012VE	IT4A22Z024VE	IT4A22Z230VE



- Connection cable valid for the following models:
IT4A22012AZ, IT4A22012RO, IT4A22012VE, IT4A22024AZ,
IT4A22024RO, IT4A22024VE, IT4A22230AZ, IT4A22230VE,
IT4A22230RO, IT4A22Z012AZ, IT4A22Z012RO, IT4A22Z012VE,
IT4A22Z024AZ, IT4A22Z024RO, IT4A22Z024VE, IT4A22Z230AZ,
IT4A22Z230VE, IT4A22Z230RO, IT4A22Z

[IT4A22CX](#)



- IP66 non-illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO + NC
- Type: on - (on)
- Current: 5A / 250Vac
- Hole diameter: Ø22 mm
- Front size: 24,8 mm
- 2,8mm faston terminal

[IT4A220](#)



- IP65 non-illuminated vandal-proof flat stainless steel push button
- Momentary action (without interlocking)
- 1 NO
- Type: off - (on)
- Current: 5A / 250Vac
- Hole diameter: Ø22 mm
- Front size: 24,8 mm
- Screw terminal

[IT4A220MT](#)

Ø22mm 1NO + 1NC MUSHROOM EMERGENCY BUTTON



- Mushroom emergency button with stainless steel metal body
- Maintained action (with interlocking)
- 1NO + 1 NC
- Hole panel: Ø22 mm
- Button size: Ø 30 mm
- Nominal current 3A - 250Vac / 2A - 30Vdc
- Color button: red
- IP65

[IT4A836](#)

Ø22mm NON ILLUMINATED BZ SERIES



- Metal block set for not illuminated pushbuttons, selectors and emergency buttons BZ series
 - 1 NO + 1 NC (1 IT4ABZNA + 1 IT4ABZNC included)
 - Hole diameter: Ø22mm
 - Screw terminal connection
 - Type: off-(on)
 - Ui: 400 V / Ith: 10 (6) A
 - Complies with standards: IEC947-5-1, EN60947-5-1
- The IT4ABZ05 module includes one NO contact block and one NC contact block. You can add as many as necessary.

[IT4ABZ05](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: yellow
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZAM](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: blue
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZAZ](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: red
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZRO](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: green
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZVE](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: black
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZNE](#)

Ø22mm NON ILLUMINATED BZ SERIES



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: black and white arrow
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZFLBL](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: white and black arrow
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZFLNE](#)



- Actuator for IT4ABZ05 (not illuminated)
- Function: Selector actuator with 2 fixed positions
- Cap color: black
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZSEL2](#)

This actuator has the capacity to act on the two contact blocks of the IT4ABZ05 block simultaneously, being able to mount as many NC or NO contact blocks as required in the application.



- Actuator for IT4ABZ05 (not illuminated)
- Function: Selector actuator with 3 fixed positions
- Cap color: black
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZSEL3](#)

When assembled with IT4ABZ05, in the first position it acts on one of the two contact blocks, the second position does not act on any of the block contact, so it is a stop position, and in the third position it acts on the block contact that did not act on the first position. Being able to add as many NC and/or NO cameras as necessary for the application.



- Actuator for IT4ABZ05 (not illuminated)
- Function: Selector actuator with 2 fixed positions, 1 fixed or maintained and the second momentary
- Cap color: black
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZSEL4](#)

This actuator has the capacity to act on the two contact blocks of the IT4ABZ05 block simultaneously, being able to mount as many NC or NO contact blocks as required in the application.



- Actuator for IT4ABZ05 (not illuminated)
- Function: Selector actuator with 3 fixed positions, 2 momentary, return to center
- Cap color: black
- Hole diameter: Ø22.5 mm
- Front size: 28 mm

[IT4ABZSEL5](#)

In the rest position, the lever is kept in the center not actuating any of the block contacts. At one end it drives one of the cameras and at the other end the other block contact. As many block contacts can be added as required.

Ø22mm ILLUMINATED & NON ILLUMINATED BZ SERIES



Additional contact block closed at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNA](#)



Additional contact block open at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNC](#)

Ø22mm ILLUMINATED BZ SERIES



- Metal block set for illuminated pushbuttons, selector buttons BZ series
- 1 socket for BA9S lamp (lamp not included)
- Hole diameter: Ø22mm
- Screw terminal connection
- Complies with standards: IEC947-5-1, EN60947-5-1

[IT4ABZ07](#)

The IT4ABZ07 module does not include contacts for the pushbutton or selector switch. You can add as many as necessary of IT4ABZNA and IT4ABZNC



- Actuator for IT4ABZ07 (illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: yellow
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZAMIL](#)



- Actuator for IT4ABZ07 (illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: blue
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZAZIL](#)

Ø22mm ILLUMINATED BZ SERIES



- Actuator for IT4ABZ07 (illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: red
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZROIL](#)



- Actuator for IT4ABZ07 (illuminated)
- Function: Momentary panel-mount pushbutton
- Cap color: green
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZVEIL](#)



- Actuator for IT4ABZ07 (illuminated)
- Function: Selector actuator with 2 fixed positions
- Cap color: red
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZSEL7](#)



- Actuator for IT4ABZ07 (illuminated)
- Function: Selector actuator with 2 fixed positions
- Cap color: green
- Hole diameter: Ø22.5 mm
- Front size: 28 mm
- Lamp BA9S not included

[IT4ABZSEL8](#)



Additional contact block closed at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNA](#)



Additional contact block open at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNC](#)



BA9S Lamp

Available colors: yellow, blue, green, red

Available voltages: 12V, 24V, 220V

12V: IIF112LAM, IIF112LAZ, IIF12LRO, IIF112LVE

24V: IIF124LAM, IIF124LAZ, IIF24LRO, IIF124LVE

220V: IIF1220LAM, IIF1220LAZ, IIF220LRO, IIF1220LVE

[IIF1xxLxx](#)

Ø22mm EMERGENCY MUSHROOM BUTTONS (BZ SERIES)



- Hole diameter: Ø22mm
- Front size: 40mm
- Screw terminal connection
- Type: normally closed with momentary open contact
- Uf: 400V / Ith: 10 (6) A
- Momentary push button
- Contacts: 1NC
- Front protection: IP54

[IT4A820](#)



- Hole diameter: Ø22mm
- Front size: 40mm
- Screw terminal connection
- Type: normally closed with momentary open contact
- Uf: 400V / Ith: 10 (6) A
- Twist to release
- Contacts: 1NC
- Front protection: IP54

[IT4A822](#)



- Hole diameter: Ø22mm
- Front size: 40mm
- Screw terminal connection
- Type: normally closed with momentary open contact
- Uf: 400V / Ith: 10 (6) A
- Twist to release by key
- Contacts: 1NC
- Front protection: IP54

[IT4A824](#)



- Hole diameter: Ø22mm
- Front size: 40mm
- Screw terminal connection
- Type: interlocking contact
- Uf: 400V / Ith: 10 (6) A
- Push - pull
- Contacts: 1NC
- Front protection: IP54

[IT4A825](#)



- Hole diameter: Ø22mm
- Front size: 54mm
- Screw terminal connection
- Type: interlocking contact
- Uf: 400V / Ith: 10 (6) A
- Push - pull
- Contacts: 1NC
- Front protection: IP54

[IT4A827](#)



Additional contact block closed at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNA](#)



Additional contact block open at rest. It is compatible for illuminated and not illuminated pushbuttons and emergency mushrooms BZ series

[IT4ABZNC](#)

Ø22mm JOYSTICKS (BZ SERIES)



Joystick 2 positions with Return to Center

- Hole diameter: Ø22mm
- Screw terminal connection
- Uf: 400V / Ith: 10 (3) A
- Contacts: 2 NA
- Front protection: IP54

[IT4ABZJY2](#)



Joystick 4 positions with Return to Center

- Hole diameter: Ø22mm
- Screw terminal connection
- Uf: 600V / Ith: 10 (6) A
- Contacts: 2 NC + 2 NA
- Front protection: IP54

[IT4ABZJY4](#)

Ø22mm ILLUMINATED 220V TWO-WAY SWITCH



- Hole diameter: Ø22mm
- Illuminated
- Solder terminal connection
- Type: rotary
- Uf: 400V / Ith: 10 (6) A
- Contacts: 1NC + 1NO
- Available colours: red, green



[IT5A202](#)

[IT5A205](#)

Ø25mm Ø100mm BIG BUTTONS

Illuminated Big Size Arcade Panel-Mount Push Button

- 12V Illuminated (LED)
- Frame diameter: Ø100mm
- Key diameter: Ø75mm
- Hole diameter: Ø25mm
- Ratings: 6A/250V
- Available colours: red, green, blue, yellow, white



[IT4A95RO](#)

[IT4A95VE](#)

[IT4A95AZ](#)

[IT4A95AM](#)

[IT4A95BL](#)

CONTROL BOX



- Control box with 1 green button
- 2 gland entries
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT001](#)



- Control box with 1 red button
- 2 gland entries
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT002](#)



- Control box with 1 start/stop selector
- 2 gland entries
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT003](#)



- Control box with 1 emergency button that works as a push button with 1 NC contact
- 2 gland entries
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT004](#)



- Control box with 1 emergency mushroom, releases when turning with 1 NC contact
- A PG13.5 cable gland could be installed, not included
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 68 x 68 x 50 + 30 (height) mm

[CJIT005](#)



- Control box with 1 emergency mushroom and 1 EU power socket, releases when turning, with 1 NC contact
- 2 gland entries
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT006](#)



- Control box with 1 emergency mushroom key
- Once the mushroom is locked, it must be unlocked with the key
- 2 cable gland entry
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT007](#)

CONTROL BOX



- Control box with 1 lock switch normally open in STOP
- The key can only be removed in the stopping position
- 2 cable gland entry
- Uf: 400 V
- Ith: 10 (6) A
- IP degree: IP54
- Box dimensions: 67 x 67 x 50 (height) mm

[CJIT008](#)



- Control box with 2 buttons
- Red: normally closed (NC)
- Green: normally open (NO)
- PG16 cable gland entries (not included)
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT021](#)



- Control box with 3 buttons
- White: normally open (NO)
- Red: normally closed (NC)
- Black: normally open (NO)
- 2 gland entries
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT033](#)



- Control box with 2 buttons, one selector and emergency button
- White: normally open (NO)
- Black: normally open (NO)
- Selector: normally open (NO) + normally closed (NC)
- Emergency button: normally closed (NC)
- PG16 gland entries (cable gland not included)
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT044](#)



- Control box with 2 buttons and emergency buttons
- White: normally open (NO)
- Black: normally open (NO)
- Emergency button: normally closed (NC)
- PG13.5 cable gland entrie
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT050](#)



- Control box with 3 buttons and emergency button
- White: normally open (NO)
- Red: normally closed (NC)
- Black: normally open (NO)
- Emergency button: normally closed (NC)
- PG13.5 cable gland entrie
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT051](#)



- Control box with 2 buttons and light
- Red: normally closed (NC)
- Green: normally open (NO)
- PG13.5 cable gland entrie
- Uf: 400V / Ith: 10 (6) A
- Front protection: IP54

[CJIT059](#)

Ø6mm LED LAMPS SERIES



- Ø6mm led pilot
- Hole: Ø6mm
- Housing:
- Voltage AC/DC: 12, 24, 220V
- Colors: yellow, blue, red, green
- IP65

	12V	24V	220V
Amber	IIH170AM	IIH171AM	IIH172AM
Blue	IIH170AZ	IIH171AZ	IIH172AZ
Red	IIH170RO	IIH171RO	IIH172RO
Green	IIH170VE	IIH171VE	IIH172VE

Ø8mm LED LAMPS SERIES



- Ø8mm led pilot
- Housing: chromed metal
- Voltage AC/DC: 12V, 24, 220V
- Colors: yellow, blue, red, green
- IP54

	12V	24V	220V
Amber	IIH102AM	IIH104AM	IIH107AM
Blue	IIH102AZ	IIH104AZ	IIH107AZ
Red	IIH102RO	IIH104RO	IIH107RO
Green	IIH102VE	IIH104VE	IIH107VE



- Ø8mm flat led pilot
- Housing: metal black
- Voltage AC/DC: 6V, 12V, 24V, 220V
- Colors: yellow, blue, red, green
- IP65

	6V	12V	24V	220V
Amber	IIH108AM	IIH109AM	IIH1110AM	IIH111AM
Blue	IIH108AZ	IIH109AZ	IIH1110AZ	IIH111AZ
Red	IIH108RO	IIH109RO	IIH1110RO	IIH111RO
Green	IIH108VE	IIH109VE	IIH1110VE	IIH111VE



- Ø8mm led pilot
- Housing: metal black
- Voltage AC/DC: 12V, 24V, 220V
- Colors: yellow, blue, red, green
- IP63

	12V	24V	220V
Amber	IIH132AM	IIH134AM	IIH137AM
Blue	IIH132AZ	IIH134AZ	IIH137AZ
Red	IIH132RO	IIH134RO	IIH137RO
Green	IIH132VE	IIH134VE	IIH137VE

Ø9mm LED LAMPS SERIES



- Ø10.5mm led pilot
- Hole: Ø9mm
- Housing: plastic
- Voltage AC/DC: 220V
- Colors: yellow, blue, red, green

	220V
Amber	IIH138AM
Blue	IIH138AZ
Red	IIH138RO
Green	IIH138VE

Ø16mm BICOLOUR LED LAMP



- 2 colors led pilot
- Hole: Ø16mm
- Housing: chromed metal
- Voltage AC/DC: 220V
- Colors: red & green

[IIH14220](#)

Ø16mm LED LAMPS SERIES



- Ø16mm led pilot
- Housing: plastic
- Voltage AC/DC: 24, 220V
- Colors: amber, red, green
- Screw terminal
- IP40

	24V	220V
Amber	IIH154AM	IIH157AM
Red	IIH154RO	IIH157RO
Green	IIH154VE	IIH157VE

Ø19mm LED LAMPS SERIES



- Ø19mm led pilot
- Housing: stainless steel
- Voltage AC/DC: 12V, 24, 220V
- Colors: amber, blue, red, green
- Screw terminal
- IP65

	12V	24V	220V
Amber	-	IIH161AM	-
Blue	-	IIH161AZ	-
Red	-	IIH161RO	-
Green	-	IIH161VE	-

Ø22mm LED LAMPS SERIES



- Ø22mm led pilot
- Housing: plastic
- Voltage AC/DC: 12V, 24, 220V
- Colors: amber, red, green
- Screw terminal
- IP65

	12V	24V	220V
Amber	IIH140AM	IIH144AM	IIH148AM
Red	IIH140RO	IIH144RO	IIH148RO
Green	IIH140VE	IIH144VE	IIH148VE



- Ø22mm led pilot
- Housing: stainless steel
- Voltage AC/DC: 12V, 24, 220V
- Colors: amber, blue, red, green
- Screw terminal
- IP65

	12V	24V	220V
Amber	IIH150AM	IIH151AM	IIH152AM
Blue	IIH150AZ	IIH151AZ	IIH152AZ
Red	IIH150RO	IIH151RO	IIH152RO
Green	IIH150VE	IIH151VE	IIH152VE

Ø8mm NEON LAMPS



- 8mm neon pilot
- Housing: plastic
- Voltage: 220V
- Colors: amber, blue, red, green

	220V
Amber	IIH138AM
Blue	IIH138AZ
Red	IIH138RO
Green	IIH138VE

Ø16mm BUZZERS



Ø16 mm Flashing buzzer and led lamp

- Voltage AC/DC: 24V, 220V
- Colors: red
- Sound pressure (10 cm): 80 dB
- Hole: Ø16 mm
- Frequency: 2300 ± 300 Hz

24V	220V
ZBPZ164	ZBPZ168

Ø22mm BUZZERS



Ø22 mm Flashing buzzer and led lamp

- Voltage AC/DC: 24V, 220V
- Colors: red
- Sound pressure (10 cm): 80 dB
- Hole: Ø22 mm
- Frequency: 2300 ± 300 Hz

24V	220V
ZBPZ225	ZBPZ228

Ø30mm BUZZERS



Ø30 mm Flashing buzzer

- Voltage AC/DC: 24V
- Colors: red
- Sound pressure (10 cm): 80 dB
- Hole: Ø30 mm
- Frequency: 2300 ± 300 Hz

24V
ZBPZ302



Ø30 mm Flashing buzzer and led lamp

- Voltage AC/DC: 24V, 220V
- Colors: red
- Sound pressure (10 cm): 80 dB
- Hole: Ø30 mm
- Frequency: 2300 ± 300 Hz

24V	220V
ZBPZ304	ZBPZ308

Ø22mm PANEL METERS



Digital Voltmeter - 3,5 .. 60 Vdc - Red - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 3..60 V DC
- Mounting depth: 51.7 mm
- Front protection: IP54

[IPDDV20](#)



Digital Voltmeter - Ammeter - 50 .. 450 Vac - 0 .. 100 Aac - Red - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 20..450 V AC
- Mounting depth: 37.6 mm
- Includes current transformer up to 100A
- Front protection: IP54

[IPDDVA0](#)



Digital Voltmeter - 50 .. 450 Vac - Red - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 50..450 V AC
- Mounting depth: 37.6 mm
- Front protection: IP54

[IPDDV80](#)



Digital Ammeter - 0 .. 100 Aac Green - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 0..100 A AC
- Mounting depth: 37.6 mm
- Includes current transformer up to 100A
- Front protection: IP54

[IPDDA90](#)



Digital Frequency Meter - 0 .. 90 Hz - Blue - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 0 .. 90 Hz
- Mounting depth: 37.6 mm
- Power supply: 50 .. 380 V AC
- Front protection: IP54

[IPDDF07](#)

Ø22mm PANEL METERS



Digital Voltmeter – Anmeter – Frequency Meter - 50 .. 450 Vac - 0..100 Aac – 0..90 Hz - Blue - Ø22 mm

- 3-in-1 meter, include current transformer
- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 50..450 VAC, 100 A AC, 0..90 Hz
- Mounting depth: 37.6 mm
- Front protection: IP54

[IPDDVAZ](#)



Digital Hour Counter – 999H - White - Ø22 mm

- Hole diameter: Ø22mm
- Screw terminal connection
- Range: 999 H 60 m
- Power supply: 220 .. 380 V single phase
- Front protection: IP54

[IPDDH01](#)

OTHERS PANEL METERS



Digital Wattmeter Instrument - 9999 kw

- Wattmeter: 9999KW maximum (single phase)
- Input voltage range: AC 50V..600V
- Current input range: up to 5A directly and 8000Aac through Current transformer
- Power: 110Vac/220Vac 50/60 Hz
- Accuracy: $\pm 0.5\%$ ± 2 digits
- Dielectric resistance: AC 2KV/1min
- Operating temperature: -10°C..50°C
- Display: 4 LED digits, maximum 9999
- Dimensions: 96x48x115 mm, Depth dimensions in frame: 103 mm (with connectors)

[IDDW01](#)



Voltmeter - Current Meter - Wattmeter

- Measuring range voltmeter: AC 50V..600V
- Ammeter: Directly up to AC 5Aac and 8000Aac through Current transformer
- Wattmeter: 9999KW maximum (single phase)
- Power supply: 110Vac / 220Vac 50/60 Hz
- Accuracy: $\pm 0.5\%$ ± 2 digits
- Diélectric resistance: AC 2KV / 1min
- Operating temperature: -10°C..50°C
- Display: 4 digits leds, maximum 9999
- Dimensions: 96x96x94 mm, Dimensions depth in frame: 81mm (with connectors)

[IPDAVAW](#)

OTHERS PANEL METERS



3 ½ Panel Ammeter – 9.99 A DC

- Power supply: from 4.5 to 30 V DC
- Current range: 0.01 to 9.99 Amp DC
- Internal shunt: 0.01 ohms
- Update frequency: about 2 Hz
- Dimensions: 48 x 29 x 21 mm
- Digit size: 0.56 ", red LEDs

[IPDDA10](#)



3 ½ Panel Voltmeter – 4.5 .. 30 V DC - 2 wires only

- Power supply: from 4.5 to 30 V DC
- Range: 4.5 to 30 V DC
- Update frequency: about 2 Hz
- Dimensions: 48 x 29 x 21 mm
- Digit size: 0.56 ", green LEDs

[IPDDV10](#)



3 ½ Panel Voltmeter and Ammeter - 0 .. 100 V DC / 0 .. 10 A DC

- Power supply from 4.5 to 30V DC
- Current range: 0.01 to 9.99 A DC
- Voltage range: 0 to 100 V DC
- Color: Red / Blue
- Dimensions: external: 48 x 29 x 22mm
- Mounting dimensions: 46 x 27mm
- Display: 0.28 "

[IPDDAV4](#)



Digital Voltmeter with LED - 3.2 .. 30 Vdc - 2 Wires only

- Measuring range: 3.2V to 30V DC
- Power supply range: 3.2 to 30V DC
- Accuracy 0.1V
- Consumption 3-4mA
- Green LED display
- Display dimensions: 23 mm x 14 mm
- PCB dimensions (with mounting holes): 33 mm x 15 mm

[IPDDV30](#)

AC-DC Single Output Enclosed power supply



- Output power: **15W**
- Available voltages: **12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 78% to 80%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 84 x 57 x 37.5 mm

12V

[SA5C015W12](#)

24V

[SA5C015W24](#)



- Output power: **25W**
- Available voltages: **5V / 12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 75% to 81%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 84 x 57 x 37.5 mm

5V

[SA5C025W05](#)

12V

[SA5C025W12](#)

24V

[SA5C025W24](#)



- Output power: **35W**
- Available voltages: **12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 77% to 78%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 84 x 57 x 37.5 mm

12V

[SA5C035W12](#)

24V

[SA5C035W24](#)



- Output power: **50W**
- Available voltages: **5V / 12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 75% to 80%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 129 x 98 x 38 mm

5V

[SA5C050W05](#)

12V

[SA5C050W12](#)

24V

[SA5C050W24](#)



- Output power: **100W**
- Available voltages: **5V / 12V / 24V DC**
- Wide input range: 100..264VAC or 235..373VDC
- Input frequency: 47~63Hz
- Typical efficiency: 75% to 81%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 159 x 97 x 38 mm

5V

[SA5C100W05](#)

12V

[SA5C100W12](#)

24V

[SA5C100W24](#)

AC-DC Single Output Enclosed power supply



- Output power: **150W**
- Available voltages: **5V / 12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 78% to 86%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 159 x 97 x 38 mm

5V

[SA5C150W05](#)

12V

[SA5C150W12](#)

24V

[SA5C150W24](#)



- Output power: **200W**
- Available voltages: **12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 83% to 85%, depending on the model
- Cooling: natural convection (fanless)
- Dimensions: 199 x 110 x 50 mm

12V

[SA5C200W12](#)

24V

[SA5C200W24](#)



- Output power: **300W**
- Available voltages: **12V / 24V DC**
- Wide input range: 180..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 83% to 86%, depending on the model
- Cooling: natural convection and silent fan
- Dimensions: 215 x 115 x 30 mm (12V)
- Dimensions: 199 x 110 x 50 mm (24V)

12V

[SA5C300W12](#)

24V

[SA5C300W24](#)



- Output power: **350W**
- Available voltages: **12V / 24V DC**
- Wide input range: 170..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 84% to 86%, depending on the model
- Cooling: natural convection and silent fan
- Dimensions: 215 x 115 x 30 mm (12V)
- Dimensions: 199 x 110 x 50 mm (24V)

12V

[SA5C350W12](#)

24V

[SA5C350W24](#)



- Output power: **400W**
- Available voltages: **12V / 24V DC**
- Wide input range: 180..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 81% to 82%, depending on the model
- Cooling: natural convection and silent fan
- Dimensions: 215 x 115 x 50 mm

12V

[SA5C400W12](#)

24V

[SA5C400W24](#)

AC-DC Single Output Enclosed power supply



- Output power: **480W**
- Available voltages: **12V / 24V DC**
- Wide input range: 180..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 81% to 86%, depending on the model
- Cooling: natural convection and silent fan
- Dimensions: 247 x 123 x 63.5 mm

12V

[SA5C500W12](#)

24V

[SA5C500W24](#)



- Output power: **600W**
- Available voltages: **12V / 24V DC**
- Wide input range: 180..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 82% to 86%, depending on the model
- Cooling: natural convection and silent fan
- Dimensions: 240 x 124 x 65 mm (12V)
- Dimensions: 247 x 127 x 63.5 mm (24V)

12V

[SA5C600W12](#)

24V

[SA5C600W24](#)

AC-DC Single Output DIN Rail power supply



- Output power: **20W**
- Available voltages: **12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 78% to 80%, depending on the model
- Cooling: natural convection
- Dimensions: 22.5 x 90 x 100 mm

12V

[SA55MDR2012](#)

24V

[SA55MDR2024](#)



- Output power: **40W**
- Available voltages: **12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 76% to 80%, depending on the model
- Cooling: natural convection
- Dimensions: 40 x 90 x 100 mm

12V

[SA55MDR4012](#)

24V

[SA55MDR4024](#)



- Output power: **60W**
- Available voltages: **12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 76% to 80%, depending on the model
- Cooling: natural convection
- Dimensions: 40 x 90 x 100 mm

12V

[SA55MDR6012](#)

24V

[SA55MDR6024](#)

AC-DC Single Output DIN Rail power supply



- Output power: **15W**
- Available voltages: **24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 80% to 86%, depending on the model
- Cooling: natural convection
- Dimensions: 17.5 x 90 x 54 mm

24V

[SA55HDR1524](#)



- Output power: **30W**
- Available voltages: **24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 82% to 88%, depending on the model
- Cooling: natural convection
- Dimensions: 35 x 90 x 54 mm

24V

[SA55HDR3024](#)



- Output power: **60W**
- Available voltages: **24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 83% to 88%, depending on the model
- Cooling: natural convection
- Dimensions: 52.5 x 90 x 54 mm

24V

[SA55HDR6024](#)



- Output power: **75W**
- Available voltages: **12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 85% to 88%, depending on the model
- Cooling: natural convection
- Dimensions: 32 x 125.2 x 102 mm

12V

[SA55EDR7512](#)

24V

[SA55EDR7524](#)



- Output power: **120W**
- Available voltages: **12V / 24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 85% to 88%, depending on the model
- Cooling: natural convection
- Dimensions: 40 x 125.2 x 113.5 mm

12V

[SA55EDR12012](#)

24V

[SA55EDR12024](#)



- Output power: **240W**
- Available voltages: **24V DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 88% to 90%, depending on the model
- Cooling: natural convection
- Dimensions: 63 x 125.2 x 113.5 mm

24V

[SA55NDR24024](#)

Ultra-Thin power supply for LED illumination



- Output power: **24W**
- Available voltages: **12V (0..2A) / 24V (0..1A) DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 85% to 86%, depending on the model
- Cooling: natural convection
- Dimensions: 172 x 18 x 18 mm

12V

[SA5D24L12](#)

24V

[SA5D24L24](#)



- Output power: **48W**
- Available voltages: **12V (0..4A) / 24V (0..2A) DC**
- Wide input range: 180..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 85% to 86%, depending on the model
- Cooling: natural convection
- Dimensions: 282 x 18 x 18 mm

12V

[SA5D48L12](#)

24V

[SA5D48L24](#)



- Output power: **60W**
- Available voltages: **12V (0..5A) / 24V (0..2.5A) DC**
- Wide input range: 100..264VAC
- Input frequency: 47~63Hz
- Typical efficiency: 76% to 80%, depending on the model
- Cooling: natural convection
- Dimensions: 312 x 18 x 18 mm

12V

[SA5D60L12](#)

24V

[SA5D60L24](#)