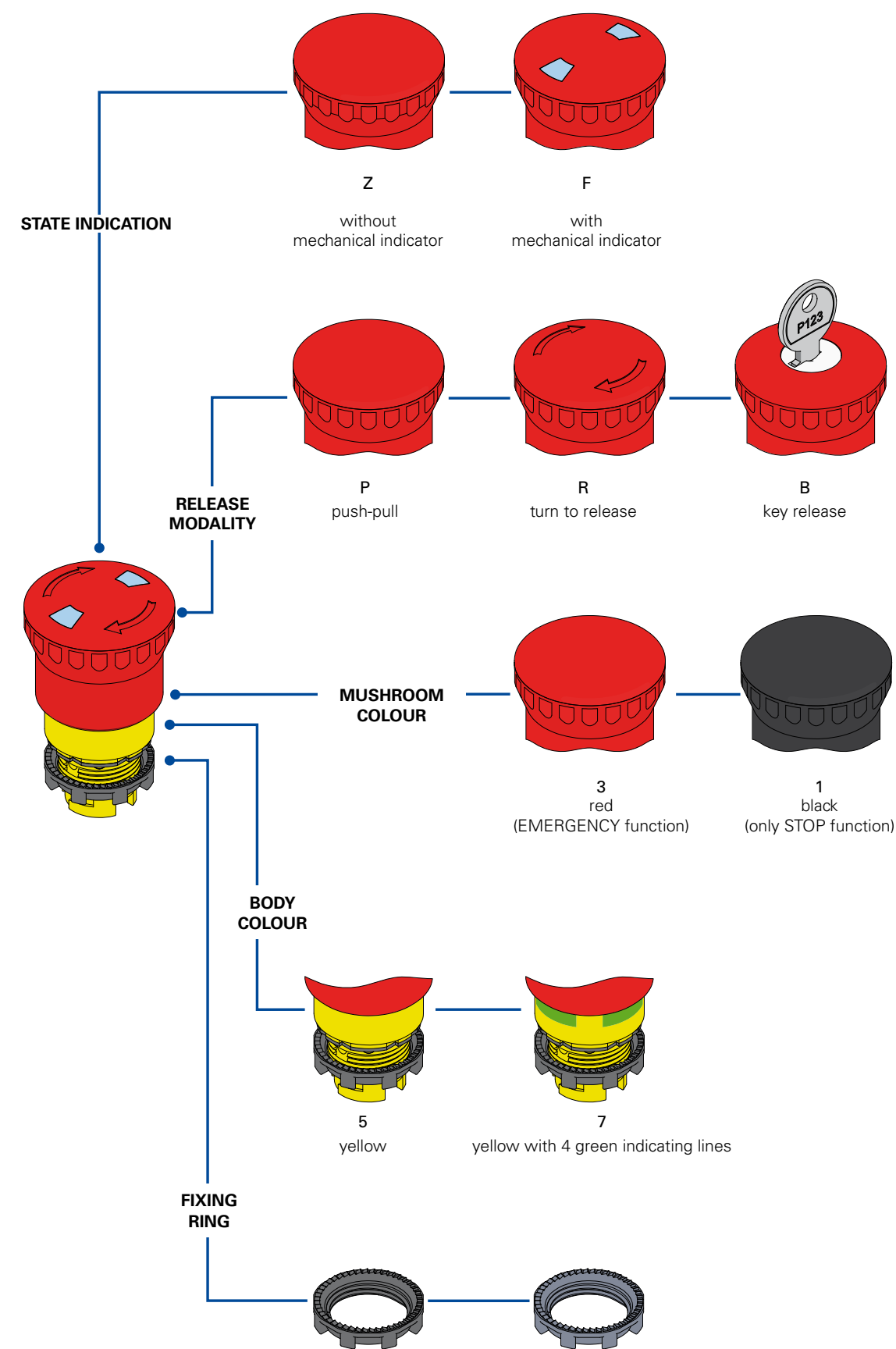
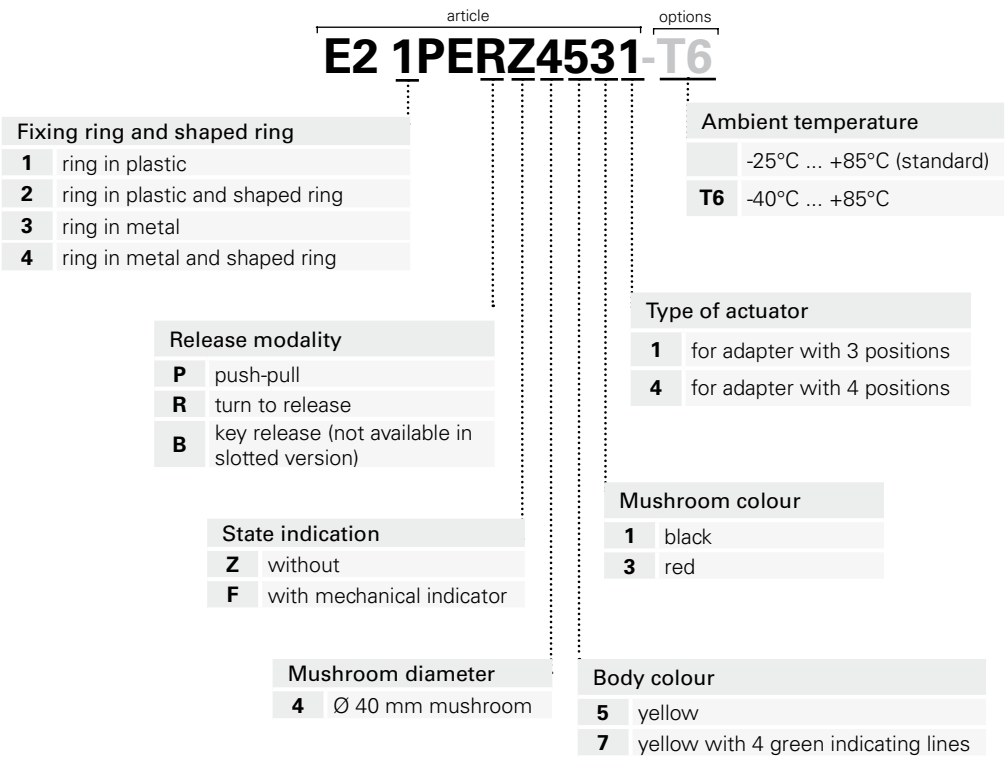


Selection diagram



Emergency pushbuttons code structure



Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.



Main features

- Protection degree IP67 and IP69K
- 3 different release modality
- Version with mechanical indicator
- Versions for - 40°C

Markings and quality marks:



Approval GOST: POCC IT.AB24.B04512

Technical data

General

| | |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Protection degree: | IP67 according to IEC 60529 IP69K according to DIN 40050 ^b |
| Ambient temperature: | -25°C +80°C |
| Mechanical endurance: | 300.000 operations cycles ¹ |
| Max operating frequency: | 3600 operations cycles ¹ /hour |
| Actuating travel: | 4 mm (NO contact), 4 mm (NC contact) |
| Actuating force: | 25 N |
| Actuating force at end travel: | Push-pull 18,5 N (without contacts) Turn to release 35 N (without contacts) |
| Maximum travel: | 9 mm |
| Ring driving torque: | 2 ... 2,5 Nm |
| Utilization requirements: | see page 3/98 |
| <small>(1) One operation cycle means two movements, one to close and one to open contacts, as foreseen by EN 60947-5-1 standard.</small> | |
| <small>(b) Protect the cables from direct high-pressure and high-temperature jets</small> | |

In conformity with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60947-5-5, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60947-5-5, EN 60204-1, EN ISO 13850, UL 508, CSA 22-2 N°14

⚠ Installation for safety applications:

Use only switches marked with the symbol \ominus . The safety circuit must always be connected with the **NC contacts** (normally closed contacts: 1-2) as stated in the standard EN 60947-5-1, encl. K, par. 2.

In conformity with requirements requested by:

Low Voltage Directive 2006/95/EC, Machinery Directive 2006/42/EC and Electromagnetic Compatibility 2004/108/EC.

Positive contact opening in conformity with standards:

IEC 60947-5-1, EN 60947-5-1, VDE 0660-206.

General characteristics

State indication

The push-pull and turn to release emergency pushbutton can be provided with a visual state indication through a mechanical indicator. The state is indicated by green colour when the pushbutton is not actuated and red colour when it is actuated.

Mechanical endurance

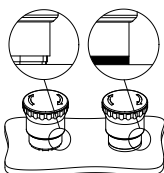
All emergency pushbuttons have been tested to endure 300.000 mechanical cycles.

Fixing ring

A fixing ring in metal is also available in addition to the fixing ring in technopolymer.

The fixing ring in metal is particularly suitable for those applications which require tighter fitting of the panel-mounted device, such as for example in metal panels having holes without reference notches. Both rings feature a toothed surface which comes into contact with the inside of the panel in order to make it easier for the device to be secured to the actual panel.

Shaped ring



The shaped ring can be used when no label holders or other devices are applied; it prevents dirt and other residues from settling between the pushbutton and the panel or box. This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.

Available versions

Pizzato Elettrica new emergency pushbuttons, which function is to allow the operator to stop a device or a machine in case of danger by pushing the same button, are classified by their release modality: push-pull, turn to release and key release.

Protection degree IP67 and IP69K

IP69K
IP67

Designed to be employed also in severe environment conditions, Pizzato Elettrica pushbuttons have protection degree IP67 and IP69K, suitable for use in machineries subjected to intense washing with high pressure and high temperature water jets.

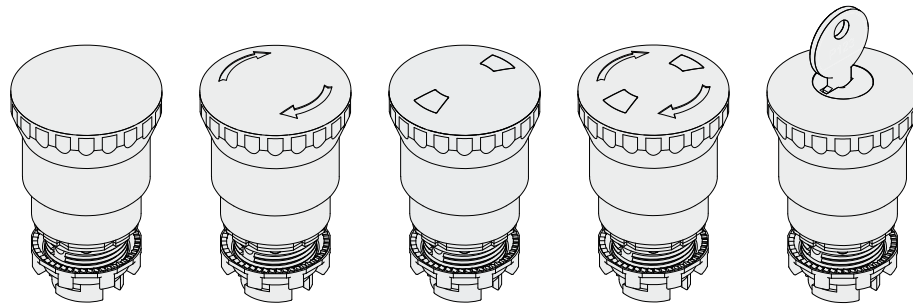
Temperature range extended

-40°C

Special versions can be ordered for use in environments where the temperature changes from +80°C to -40°C.

They can be installed inside cold stores, sterilizers or other equipments with very low ambient temperature. Special materials that have been used to realize these versions, maintain unchanged their features also in these conditions, widening the installation possibilities.

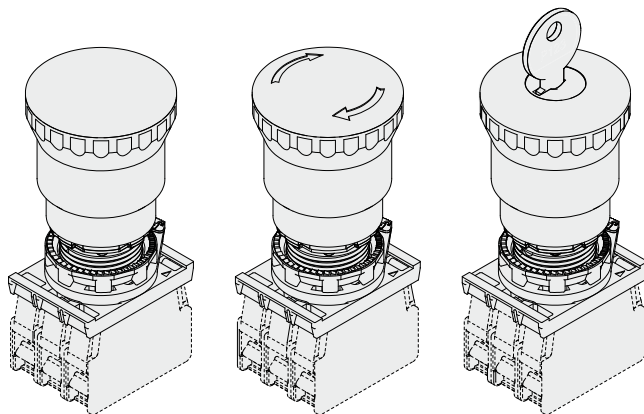
Emergency pushbuttons selection table



| Body colour and marking | Actuator colour and marking | Push-pull | Turn to release | Push-pull with mechanical indicator | Turn to release with mechanical indicator | Release with key Key number PY333 |
|--------------------------------------|-----------------------------|--------------|-----------------|-------------------------------------|-------------------------------------------|--------------------------------------|
| yellow | red | E2 1PEPZ4531 | E2 1PERZ4531 | E2 1PEPF4531 | E2 1PERF4531 | E2 1PEBZ4531 |
| yellow with 4 green indicating lines | red | E2 1PEPZ4731 | E2 1PERZ4731 | E2 1PEPF4731 | E2 1PERF4731 | E2 1PEBZ4731 |
| yellow | black | E2 1PEPZ4511 | E2 1PERZ4511 | - | - | E2 1PEBZ4511 |

Warning! For safety application use only red emergency pushbutton, the black one can be used only for STOP function.


Complete units with emergency pushbuttons



| Body colour and marking | Actuator colour and marking | Contacts | | | Push-pull | Turn to release | Release with key Key number PY333 |
|-------------------------|-----------------------------|----------|---------------------|-------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | | | |
| yellow | red | - | 1NC | - | E2 AC-DXBC1005 E2 1PEPZ4531 + E2 1BAC11 + E2 CP01G2V1 | E2 AC-DXBC1006 E2 1PERZ4531 + E2 1BAC11 + E2 CP01G2V1 | E2 AC-DXBC1007 E2 1PEBZ4531 + E2 1BAC11 + E2 CP01G2V1 |
| yellow | red | - | 1NC SELF-MONITORED | - | E2 AC-DXBC1022 E2 1PEPZ4531 + E2 1BAC11 + E2 CP01S2V1 | E2 AC-DXBC1023 E2 1PERZ4531 + E2 1BAC11 + E2 CP01S2V1 | E2 AC-DXBC1024 E2 1PEBZ4531 + E2 1BAC11 + E2 CP01S2V1 |
| yellow | red | 1NC | - | 1NC | E2 AC-DXBC1010 E2 1PEPZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 | E2 AC-DXBC1002 E2 1PERZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 | E2 AC-DXBC1011 E2 1PEBZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 |
| yellow | red | 1NC | 1NC | 1NO | E2 AC-DXBC1012 E2 1PEPZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 + E2 CP10G2V1 | E2 AC-DXBC1000 E2 1PERZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 + E2 CP10G2V1 | E2 AC-DXBC1013 E2 1PEBZ4531 + E2 1BAC11 + E2 CP01G2V1 + E2 CP01G2V1 + E2 CP10G2V1 |

→ For the contact block characteristics see page 3/55.

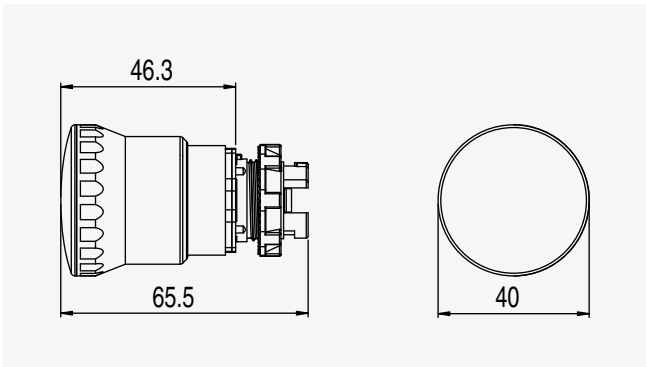
Locking keys

| Article | Description |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| VE KE1A00-PY333 | Locking key |
|  <p>Extra copy of the locking keys to be purchased if further key is needed. All keys have the same code. Other codes on request.</p> | |

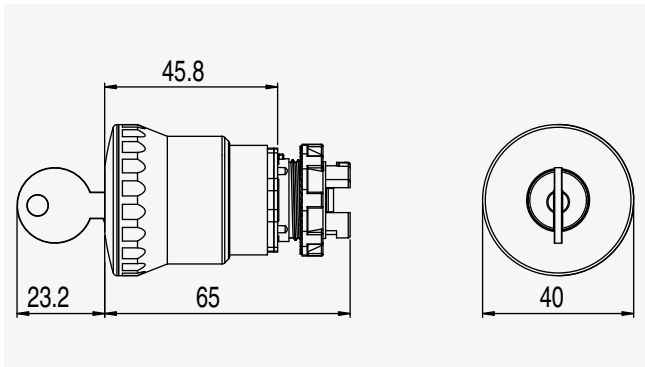
Items with code on the **green** background are available in stock

Dimensions

Emergency pushbutton



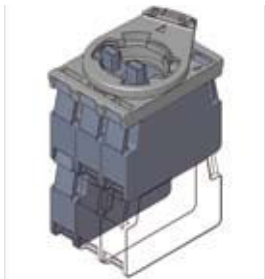
Emergency pushbutton with key



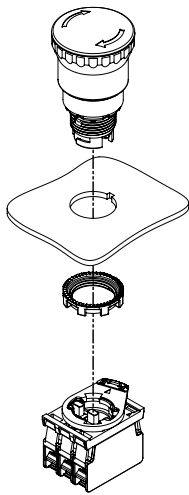
Contacts maximum number

Fixing adapter with 3 positions

Emergency pushbuttons E2 1PE●●●●●1



Maximum number:
contacts 4
levels 2



contact
block



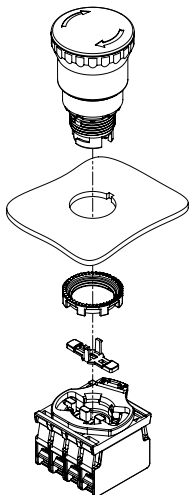
Contact
block
alternative
position

Fixing adapter with 4 positions

Emergency pushbuttons E2 1PE●●●●●4



Maximum number:
contacts 4
levels 1



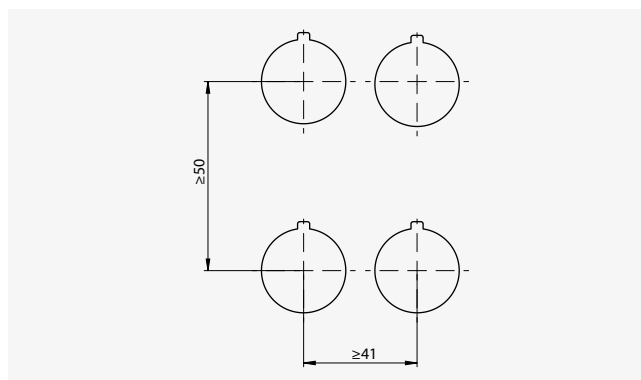
The actuator for an adapter with 4 positions must be
mounted after fixing the push-button.

Actuator for adapter with 4 positions 10 pcs packs



| Article | Description |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| VE AS1218 | Long closed actuator for fixing adapter with 4 positions. It must be installed after fixing the push-button to the wall. For E2 1PE pushbuttons. |

Assembling minimum distances



Label with shaped hole

5 pcs packs

Suited for the devices E2 1PE
According to EN ISO 13850.
Adjustable in 90° steps.
Other languages on request.

It does not alter the device protection degrees IP67 and IP69K.

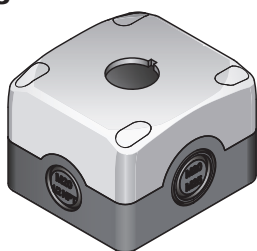
| Article | Description |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  VE TF32A5700 | Label with shaped hole, Ø 60 mm yellow disc, no writing |
|  VE TF32D5700 | Label with shaped hole, Ø 90 mm yellow disc, no writing |
|  VE TF32A5101 | Label with shaped hole, yellow disc Ø 60 mm, writing: STOP  EMERGENZA  |
|  VE TF32D5101 | Label with shaped hole, yellow disc Ø 90 mm, writing: STOP  EMERGENZA  |
|  VE TF32A5102 | Label with shaped hole, yellow disc Ø 60 mm, writing: EMERGENCY  STOP  |
|  VE TF32D5102 | Label with shaped hole, yellow disc Ø 90 mm, writing: EMERGENCY  STOP  |
|  VE TF32A5109 | Label with shaped hole, yellow disc Ø 60 mm, writing: STOP  STOP  STOP  STOP  |
|  VE TF32D5109 | Label with shaped hole, yellow disc Ø 90 mm, writing: STOP  STOP  STOP  STOP  |
|  VE TF32A5120 | Label with shaped hole, yellow disc Ø 60 mm, writing: STOP EMERGENZA  ARRET D'URGENCE  NOT AUS  EMERGENCY STOP  |
|  VE TF32D5120 | Label with shaped hole, yellow disc Ø 90 mm, writing: STOP EMERGENZA  ARRET D'URGENCE  NOT AUS  EMERGENCY STOP  |
|  VE TF32G5700 | Label with shaped hole, rectangular 30x60 mm, no writing |
|  VE TF32G5103 | Label with shaped hole, rectangular 30x60 mm, writing STOP  |
|  VE TF32G5110 | Label with shaped hole, rectangular 30x60 mm, writing STOP  |

Accessories

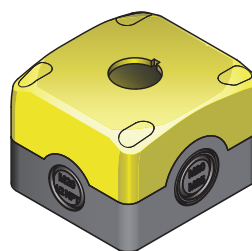
→ [More ACCESSORIES at page 3/95](#)

Items with code on the **green** background are available in stock

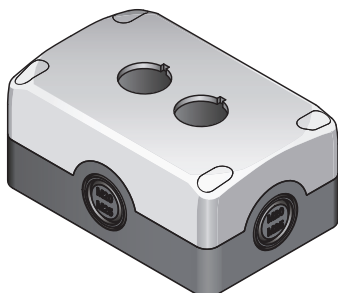
Selection diagram



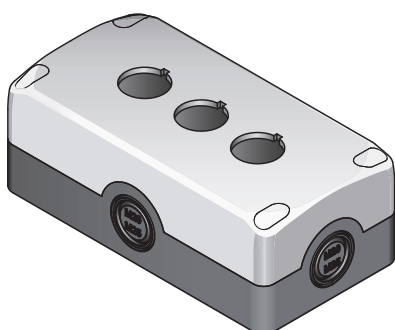
ES 31000
grey cover
1 hole, Ø 22 mm



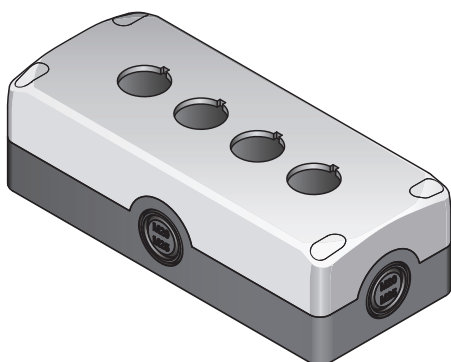
ES 31001
yellow cover
1 hole, Ø 22 mm



ES 32000
grey cover
2 holes, Ø 22 mm



ES 33000
grey cover
3 holes, Ø 22 mm



ES 34000
grey cover
4 holes, Ø 22 mm



ES 36000
grey cover
6 holes, Ø 22 mm

Enclosure code structure

ES 31001

| Housing material | | Configuration | |
|------------------|-----------------------------|---------------|--------------------------|
| 3 | polycarbonate PC (standard) | 000 | black base, grey cover |
| | | 001 | black base, yellow cover |
| | | ... | |

| Box dimensions | |
|----------------|--------------|
| 1 | 72x80h56 mm |
| 2 | 120x80h56 mm |
| 3 | 153x80h56 mm |
| 4 | 186x80h56 mm |
| 6 | 252x80h56 mm |

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.



Main features

- Protection degree IP67 and IP69K
- Stainless steel retained screws
- 4 lateral knock out conduit entries
- Supplied with screw caps

Markings and quality marks:


Approval GOST: POCC IT.AB24.B04512



Technical data

Housing

Material: Shock-proof, self-extinguishing polymer with double insulation, UV resistant, fibreglass-reinforced material, high-impact resistance.

Screw material: Stainless steel

Protection degree: IP67 according to IEC 60529^a
IP69K according to DIN 40050^b

Conduit entries:

1 hole housing:

- 2 upper and lower knock out conduit entries M20 - 1/2 NPT
- 2 lateral knock out conduit entries M20 - 1/2 NPT - M25
- 2 base knock out conduit entries M16

2-3-4-6 holes housings:

- 4 lateral knock out conduit entries M20 - 1/2 NPT - M25
- 2 base knock out conduit entries M20

Devices assembling: Suit for assembling with control and signalling Ø 22 mm devices.
Ø 22 mm hole according to EN 60947-5-1 see page 3/98

Utilization requirements:

(a) with cable gland having equal or higher protection degree
(b) Protect the cables from direct high-pressure and high-temperature jets)

General data

Ambient temperature: -40°C +80°C

Cover screws driving torque: 1 ... 1,4 Nm

In conformity with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 574, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 N°14.

In conformity with requirements requested by:

Low Voltage Directive 2006/95/EC
Machinery Directive 2006/42/EC
Electromagnetic Compatibility 2004/108/EC.

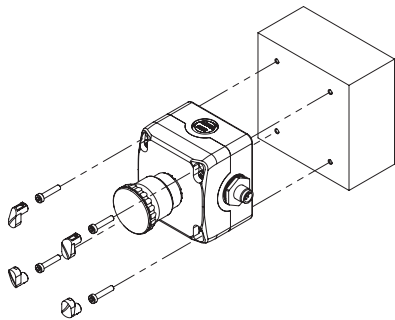
General characteristics

Protection degree IP67 and IP69K

Designed to be employed also in severe environment conditions, Pizzato Elettrica enclosures have protection degree IP67 and IP69K, suitable for use in machineries subjected to intense washing with high pressure and high temperature water jets.

Fitting the EROUND boxes

The new EROUND line boxes by Pizzato Elettrica feature 4 additional holes in the cover, which make it possible to fit the boxes to a wall by inserting the screws through their external part, therefore without needing to open their cover to gain access to the holes.

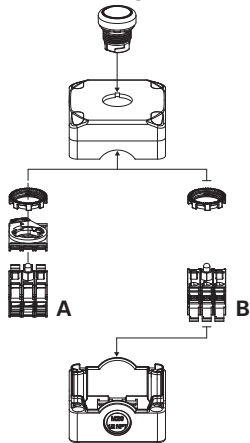


The wall-fitting screws and the box cover closing screws can be sealed by means of 4 caps (caps supplied with the box) which, besides improving the appearance of the box line, avoid any dirt being deposited inside the screw recesses and

make tampering more difficult.

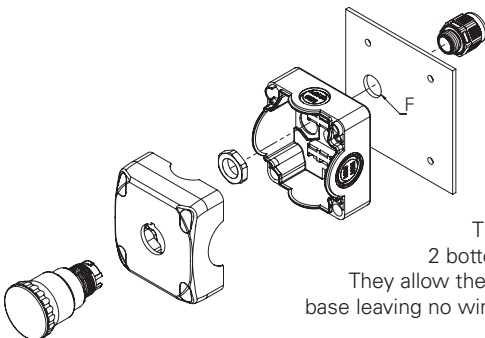
External fitting turns out to be particularly advantageous for prewired boxes, since the entire installation work becomes simpler; all that is needed is to fix the box and attach the connector which, thanks to the cable inlets available on the four sides of the box, can be positioned in the chosen direction.

One housing, two solutions



The same housing can have up to 3 contact/LED blocks with panel fixing (E2 CP, E2 LP) to be applied through the fixing adapter (A) or up to 3 contact/LED blocks with base fixing (E2 CF, E2 LF) to be fixed directly to the enclosure base (B).

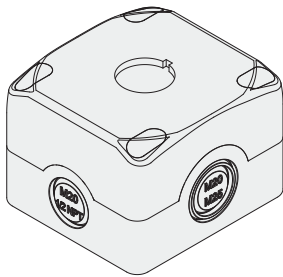
Wiring through the lower surface



| cable gland | F |
|-------------|------|
| M16 | Ø 25 |
| M20 | Ø 28 |

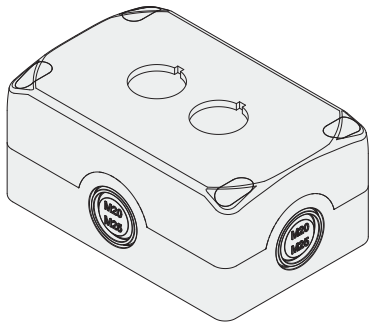
The enclosures have 2 bottom conduit entries. They allow the wiring through the base leaving no wiring cables on view.


Enclosures selection table



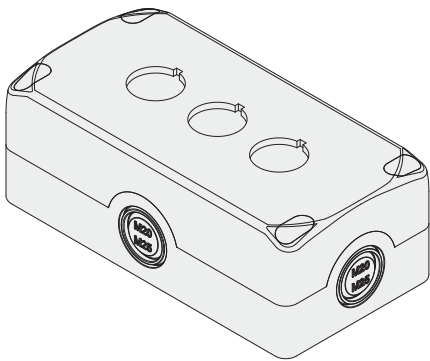
| Cover colour | Article |
|---------------------------------------------------------------------------------------------------|----------|
|  yellow RAL 1003 | ES 31001 |
|  grey RAL 7035 | ES 31000 |


The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.



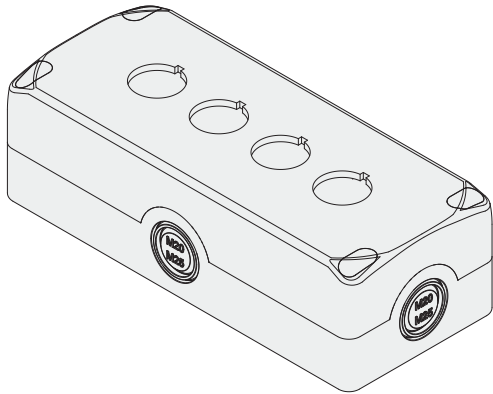
| Cover colour | Article |
|-------------------------------------------------------------------------------------------------|----------|
|  grey RAL 7035 | ES 32000 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.



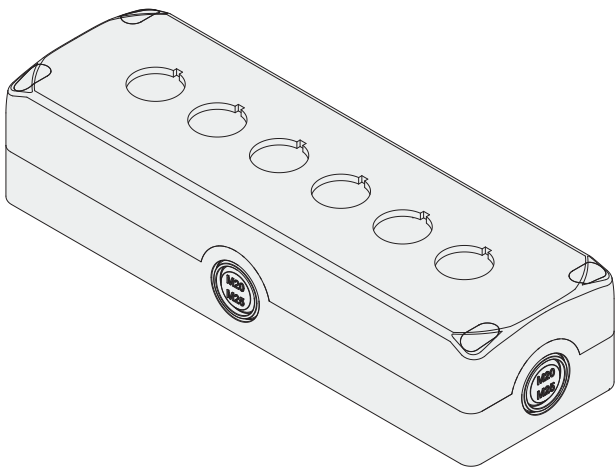
| Cover colour | Article |
|---------------------------------------------------------------------------------------------------|----------|
|  grey RAL 7035 | ES 33000 |


The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.



| Cover colour | Article |
|---------------------------------------------------------------------------------------------------|----------|
|  grey RAL 7035 | ES 34000 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

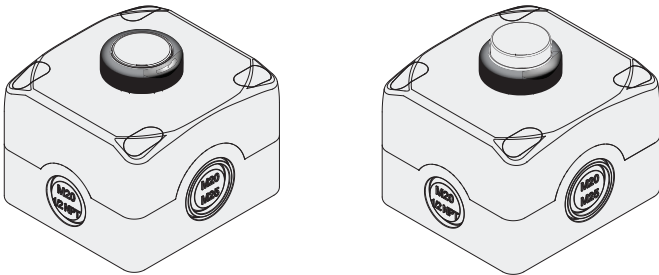


| Cover colour | Article |
|---------------------------------------------------------------------------------------------------|----------|
|  grey RAL 7035 | ES 36000 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

Items with code on the **green** background are available in stock

Complete units with enclosures

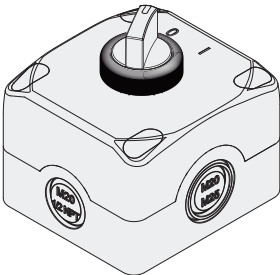


| Box cover colour | Actuator colour and marking | Contacts | | | Flush pushbutton Black ring | Projecting pushbutton Black ring |
|------------------|-----------------------------|----------|---------|-------|--------------------------------------------------------------|--------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | | |
| grey RAL 7035 | green | - | 1NO | - | ES AC31001 ES 31000 + E2 1PU2R421L2 + E2 CF10G2V1 | - |
| grey RAL 7035 | red | - | 1NC | - | ES AC31002 ES 31000 + E2 1PU2R321L1 + E2 CF01G2V1 | ES AC31017 ES 31000 + E2 1PU2S321L1 + E2 CF01G2V1 |
| grey RAL 7035 | green | - | 1NO | - | ES AC31015 ES 31000 + E2 1PU2R421GB1 + E2 CF10G2V1 | - |
| grey RAL 7035 | red | - | 1NC | - | ES AC31016 ES 31000 + E2 1PU2R321GB0 + E2 CF01G2V1 | ES AC31018 ES 31000 + E2 1PU2S321GB0 + E2 CF01G2V1 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

➔ [For contact blocks and pushbuttons characteristics see the relative chapters.](#)

Complete units with enclosures

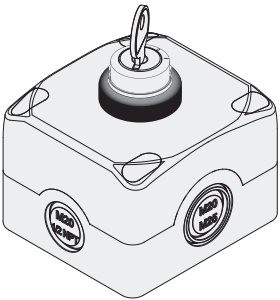


| Box cover colour | Position | Contacts | | | Two positions black selector Black ring |
|------------------|----------|----------|-------|-------|------------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | |
| grey RAL 7035 | | - | 1NO | - | ES AC31019 ES 31002 + E2 1SE12AVA11AB + E2 CF10G2V1 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

➔ [For contact blocks and LED holders characteristics see the relative chapters.](#)

Complete units with enclosures



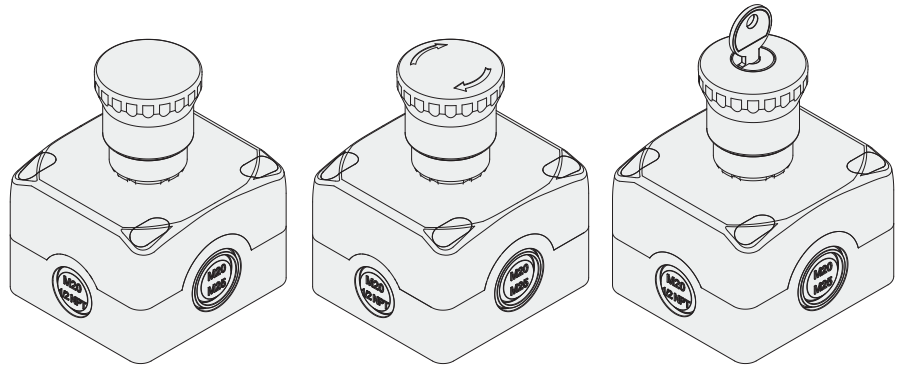
| Box cover colour | Position | Contacts | | | Two positions key black selector Black ring |
|------------------|----------|----------|-------|-------|-----------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | |
| grey RAL 7035 | | - | 1NO | - | ES AC31020 ES 31000 + E2 1SC2AVA11AE + E2 CF10G2V1 |


















The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

➔ [For contact blocks and LED holders characteristics see the relative chapters.](#)

Legend: Stay-put Spring-return Key withdrawal position

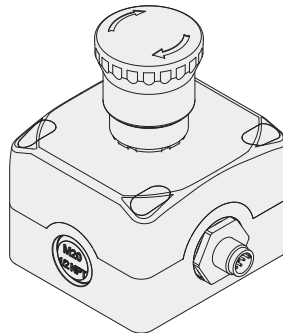
Complete units with enclosures




















| Box cover colour | Actuator colour and marking | Contacts | | | Push-pull emergency button | Turn to release emergency pushbutton | Key release emergency pushbutton |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | | | |
|  |  | - | 1NC  | - | ES AC31004 ES 31001 + E2 1PEPZ4531 + E2 CF01G2V1 | ES AC31003 ES 31001 + E2 1PERZ4531 + E2 CF01G2V1 | ES AC31022 ES 31001+ E2 1PEBZ4531 + E2 CF01G2V1 |
|  |  | - | 1NC  SELF-MONITORED | - | ES AC31081 ES 31001 + E2 1PEPZ4531 + E2 CF01S2V1 | ES AC31082 ES 31001 + E2 1PERZ4531 + E2 CF01S2V1 | ES AC31083 ES 31001+ E2 1PEBZ4531 + E2 CF01S2V1 |
|  |  | 1NC  | - | 1NC  | - | ES AC31005 ES 31001 + E2 1PERZ4531 + E2 CF01G2V1 + E2 CF01G2V1 | ES AC31023 ES 31001+ E2 1PEBZ4531 + E2 CF01G2V1 + E2 CF01G2V1 |
|  |  | 1NC  | - | 1NO | - | ES AC31006 ES 31001 + E2 1PERZ4531 + E2 CF01G2V1 + E2 CF10G2V1 | ES AC31011 ES 31001+ E2 1PEBZ4531 + E2 CF01G2V1 + E2 CF10G2V1 |
|  |  | 1NC  | 1NC  | 1NO | - | ES AC31021 ES 31001 + E2 1PERZ4531 + E2 CF01G2V1 + E2 CF01G2V1 + E2 CF10G2V1 | ES AC31024 ES 31001+ E2 1PEBZ4531 + E2 CF01G2V1 + E2 CF01G2V1 + E2 CF10G2V1 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

→ For contact blocks and emergency pushbuttons characteristics see the relative chapters.

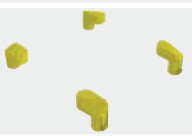
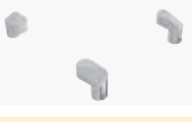


| Box cover colour | Actuator colour and marking | Contacts | | | Turn to release emergency pushbutton Plastic wired M12 connector |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| | | pos 2 | pos 3 | pos 1 | |
|  |  | - | 1NC  | - | ES AC31025 |
|  |  | - | 1NC  SELF-MONITORED | - | ES AC31084 |
|  |  | 1NC  | - | 1NC  | ES AC31026 |
|  |  | 1NC  | - | 1NO | ES AC31027 |
|  |  | 1NC  | 1NC  | 1NO | ES AC31028 |

The standard colour of the base in above mentioned codes is **BLACK RAL 9005**.

→ For contact blocks and emergency pushbuttons characteristics see the relative chapters.

Spare caps

| Article | Description |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
|  VETS35RA1 | 4 spare caps for box covers ES series. Colour: yellow |
|  VETS39RA1 | 4 spare caps for box covers ES series. Colour: grey |

Accessories

→ More ACCESSORIES at page 3/95

Items with code on the **green** background are available in stock



| ES AC32012 | | | | |
|-------------------------------------------------------------------------|-----------------------------|--------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Pushbutton - 1NO E2 1PU2R221L9 Contacts 1x E2 CF10G2V1 | Flush, spring-return, white | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NO E2 1PU2R121L10 Contacts 1x E2 CF10G2V1 | Flush, spring-return, black | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |

| ES AC32010 | | | | |
|-------------------------------------------------------------------------|--------------------------------|----------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Pushbutton - 1NO E2 1PU2R421L35 Contacts 1x E2 CF10G2V1 | Flush, spring-return, green | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NC E2 1PU2S321L1 Contacts 1x E2 CF01G2V1 | Projecting, spring-return, red | | | |
| | pos 2 / | pos 3 1NC ⊖ | pos 1 / | |

| ES AC32011 | | | | |
|-------------------------------------------------------------------------|--------------------------------|----------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Pushbutton - 1NO E2 1PU2R421L51 Contacts 1x E2 CF10G2V1 | Flush, spring-return, green | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NC E2 1PU2S321L48 Contacts 1x E2 CF01G2V1 | Projecting, spring-return, red | | | |
| | pos 2 / | pos 3 1NC ⊖ | pos 1 / | |

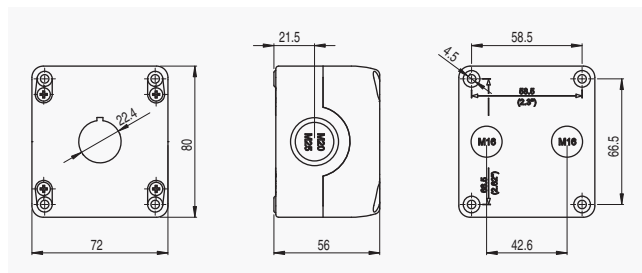
| ES AC33017 | | | | |
|-------------------------------------------------------------------------|--------------------------------|----------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Pushbutton - 1NO E2 1PU2R221L9 Contacts 1x E2 CF10G2V1 | Flush, spring-return, white | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NC E2 1PU2S321L1 Contacts 1x E2 CF01G2V1 | Projecting, spring-return, red | | | |
| | pos 2 / | pos 3 1NC ⊖ | pos 1 / | |
| Pushbutton - 1NO E2 1PU2R121L10 Contacts 1x E2 CF10G2V1 | Flush, spring-return, black | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |

| ES AC33013 | | | | |
|-------------------------------------------------------------------------|-----------------------------------------|----------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Indicator light E2 1ILA310 + E2 LF1A3V1 | Red indicator light 12 ... 30 Vac/dc | | | |
| | | | | |
| Pushbutton - 1NO E2 1PU2R421L35 Contacts 1x E2 CF10G2V1 | Flush, spring-return, green | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NC E2 1PU2S321L1 Contacts 1x E2 CF01G2V1 | Projecting, spring-return, red | | | |
| | pos 2 / | pos 3 1NC ⊖ | pos 1 / | |

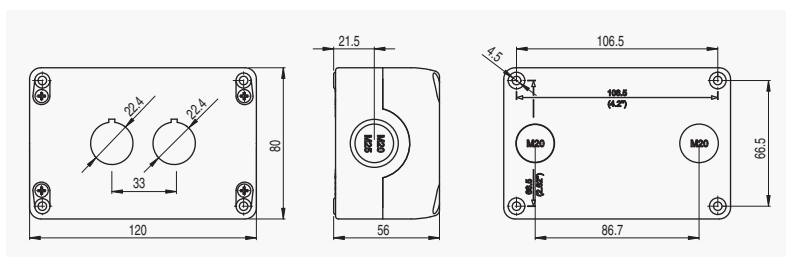
| ES AC33016 | | | | |
|-------------------------------------------------------------------------|--------------------------------|----------------|------------|---------|
| Description | Characteristics | | | Diagram |
| Pushbutton - 1NO E2 1PU2R421L35 Contacts 1x E2 CF10G2V1 | Flush, spring-return, green | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |
| Pushbutton - 1NC E2 1PU2S321L1 Contacts 1x E2 CF01G2V1 | Projecting, spring-return, red | | | |
| | pos 2 / | pos 3 1NC ⊖ | pos 1 / | |
| Pushbutton - 1NO E2 1PU2R421L36 Contacts 1x E2 CF10G2V1 | Flush, spring-return, green | | | |
| | pos 2 / | pos 3 1NO | pos 1 / | |

Dimensions

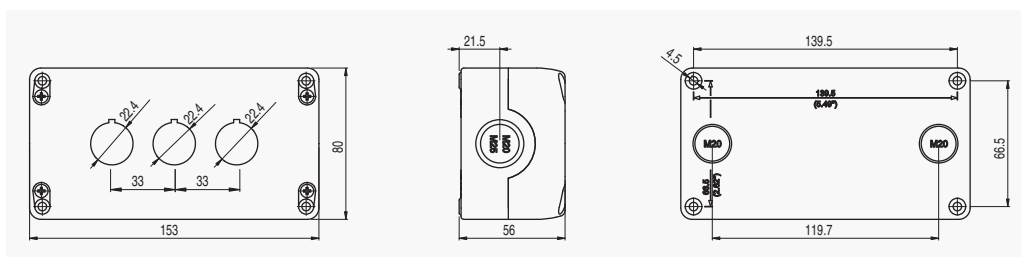
Enclosures (1 hole)



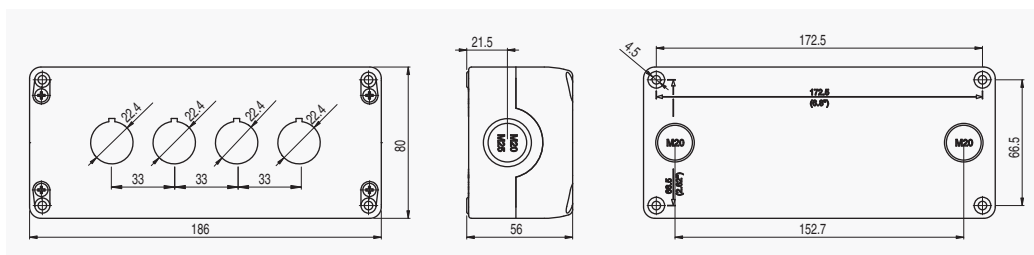
Enclosures (2 holes)



Enclosures (3 holes)



Enclosures (4 holes)



Enclosures (6 holes)

