P-KUBE Lite safety handles for FY and FG series switches

Description



The P-KUBE Lite safety handle is compatible with Pizzato Elettrica FY and FG series safety switches, creating the perfect combination for a complete safety system. The intuitive design and optimised ergonomics of the handle provide operators with a comfortable and secure grip. Sliding operation enables smooth and immediate use, minimising the amount of effort required to active the safety switch.Equipped with a key lock, the handle enables installation of a "lock-out device" to increase the safety of the solution, reducing the risk of accidents or damage due to unauthorised access or accidental activation of the machine.

The handle and brackets are made of technopolymer and offer excellent resistance to impacts, wear and weathering, ensuring durability of the handle even in harsh environments.

Modern and ergonomic design

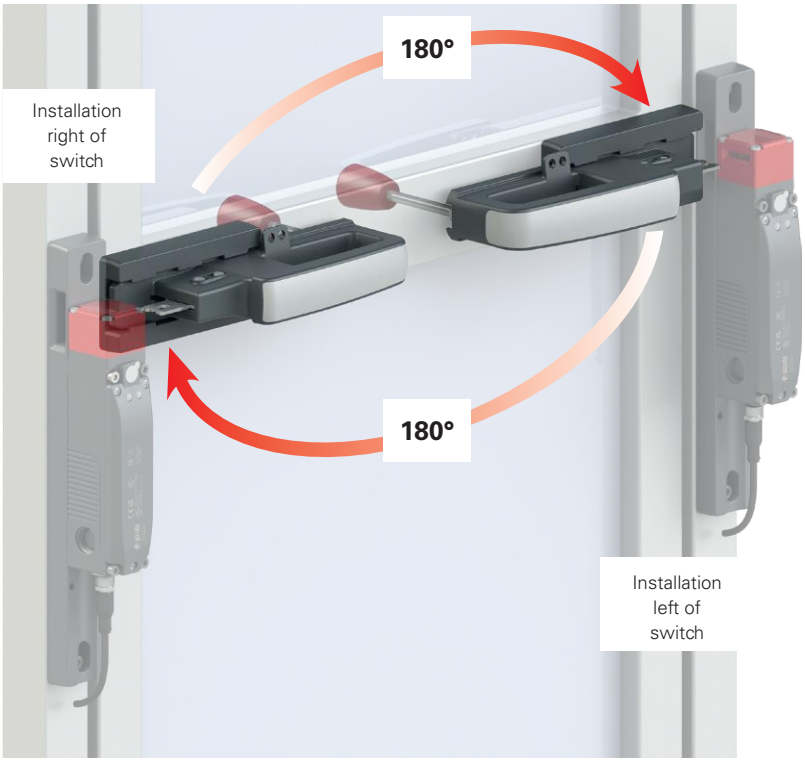


The P-KUBE Lite safety handle has been designed to combine safety and great aesthetics, for a solution that meets functional and design requirements, adopting the form of the P-KUBE Krome and P-KUBE Smart handles.

The refined design means that the handle fits seamlessly on machinery requiring a sleek look. It adds value to the overall design of the machinery, guaranteeing an attractive and sophisticated result.

Flexible installation

The symmetrical design of the P-KUBE Lite handle, which is unique in its segment, represents an innovative solution for simplified installation, making the handle compatible with right-hand or left-hand doors. This means that the handle is the same for any type of sliding or hinged door, whether it opens right or left, and regardless of its configuration. The sleek handle design without protruding parts not only improves its look but also increases safety and functionality.



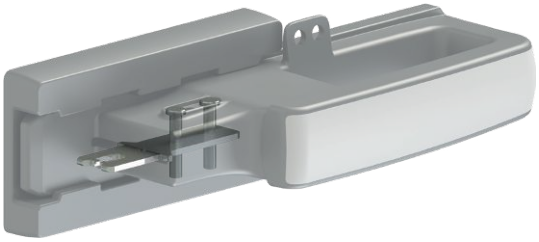
Centring

The new handle features a strong centring pin at the front, which ensures alignment of actuator and switch, guaranteeing correct insertion without the risk of collision between the two components. This also allows a safe re-alignment of the guard to the frame, even in case of axial misalignments.



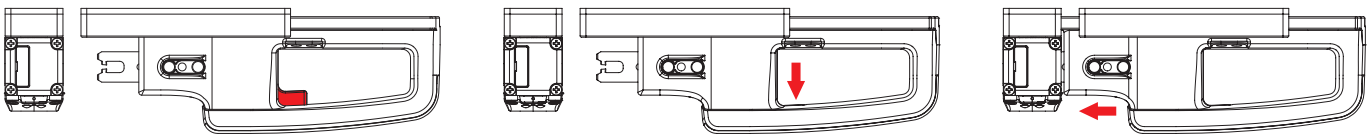
Immovable actuator

The P-KUBE Lite safety-handle actuator is fixed immovably to the handle body. This means that the installer is not required to assemble the actuator and it cannot be removed.



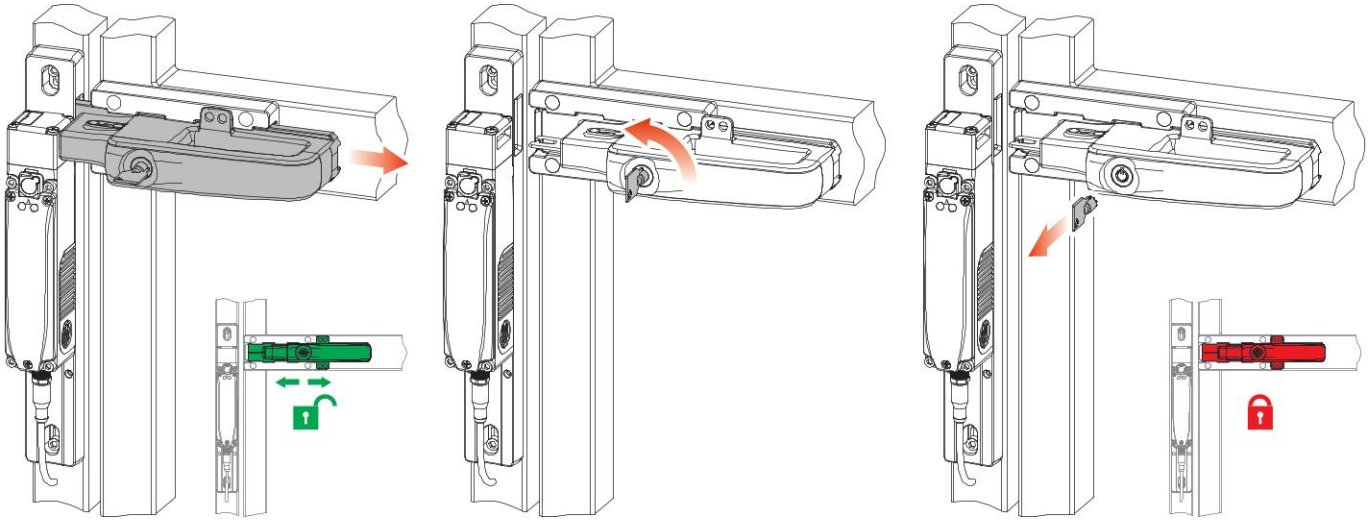
Block button

The P-KUBE Lite safety handle can be equipped with a block button that is automatically activated to block the grip when the handle is in the open position. This option ensures that the handle remains securely in the open position, preventing accidental or undesired displacements that could cause unwanted movement of the handle. The grip is released by simply pressing the block button. This simple and intuitive action allows the handle to return to its normal position, enabling movement and therefore insertion into the switch.



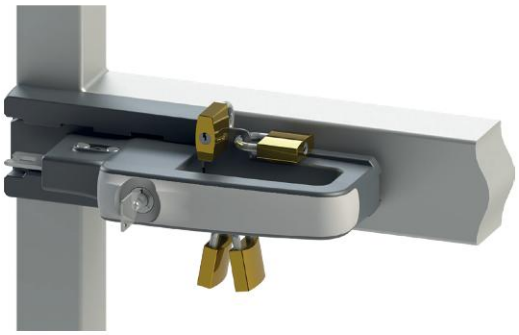
Key lock

The P-KUBE Lite safety handle can be equipped with (coded) tubular or standard locking keys. The lock secures the handle in the fully open position, preventing any accidental or unwanted movement. Only with the handle in the open position can operators remove the key and take it with them during machine maintenance.



Device for locking the handle in the open position

Four holes on the handle body enable attachment of up to four padlocks to prevent accidental closure of the guard. This means that up to four operators can enter the guard with the certainty that nobody can accidentally reclose the door before all of the operators have exited.



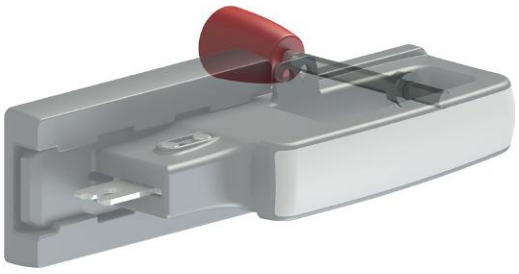
Lock-out: maximum safety with just one movement

The P-KUBE Lite handle can be fitted with a "lock-out device" on the switch support bracket, enabling use of up to 9 padlocks on 7 mm slotted holes to prevent accidental closing of the guard. When the "lock-out device" is active, the centring hole in the bracket and the slot in the switch for the actuator are closed in a single operation. This reliably prevents mechanical closing of the door and electrical commutation of the switch contacts. The "lock-out device" can be unlocked only when all of the padlocks have been removed, i.e. when all of the operators have left the danger zone, preventing accidental closing of the guard. The "lock-out device" fitted on the support bracket is a solution offering greater safety than a locking device integrated into the handle, as it prevents insertion of any back-up actuators into the switch.



Internal lever for emergency escape

The P-KUBE Lite safety handle can be fitted with an optional lever enabling simple and rapid door opening from the inside in an emergency. This function is essential to guarantee the safety of any personnel who have remained trapped inside a danger zone, allowing quick and efficient exit.

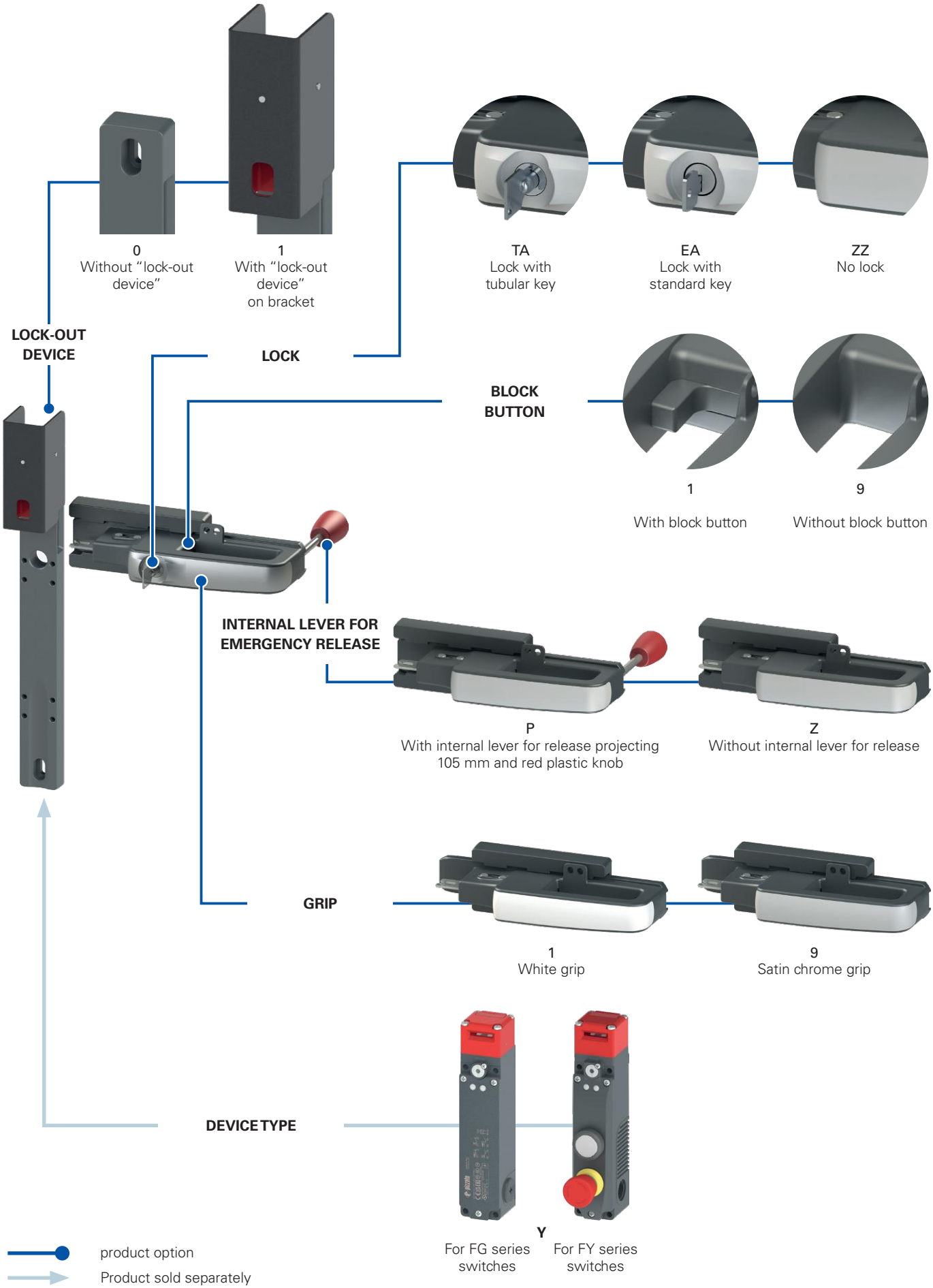


Protection against tampering

The P-KUBE Lite safety handle is supplied complete with snap-on protection caps to be applied to the holes of the fixing screws, so as to prevent access to them: therefore, standard screws can be used instead of tamper-proof screws, ensuring safety against tampering on the device. The caps also prevent the accumulation of soiling and facilitate the cleaning of the handle.



Selection diagram



Code structure

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

article

AN Y 11 TA 1 P

Device type	
Y	For FY, FG series switches

Note: switches are purchased separately.

Lock-out device	
0	Without “lock-out device“
1	With “lock-out device” on bracket

Handle face colour	
1	White grip
9	Satin chrome grip

Type of lock and code	
TA	Tubular key, code C026 (*)
EA	Standard key, code 333 (*)
ZZ	No lock

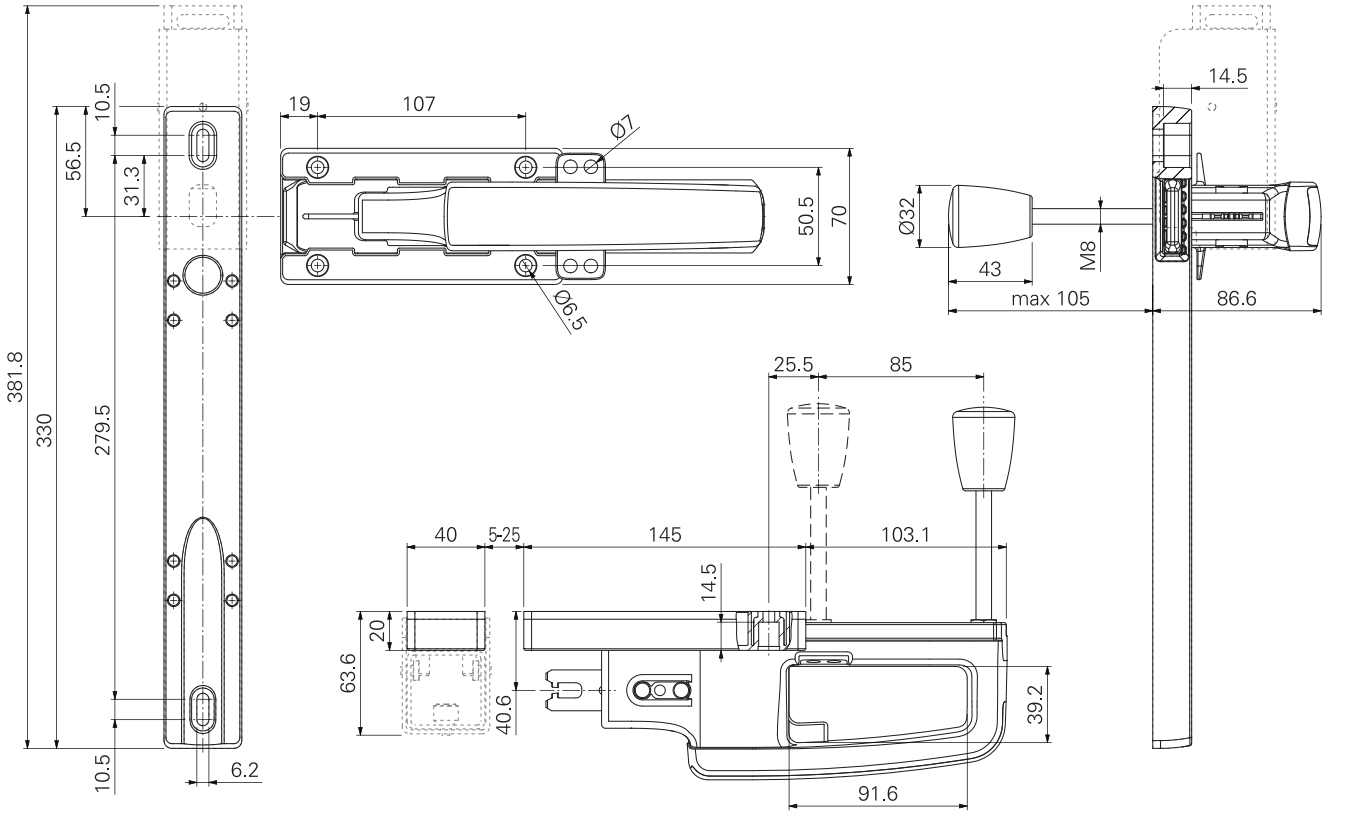
(*) Other key codes available on request.

Block button	
1	With block button
9	Without block button

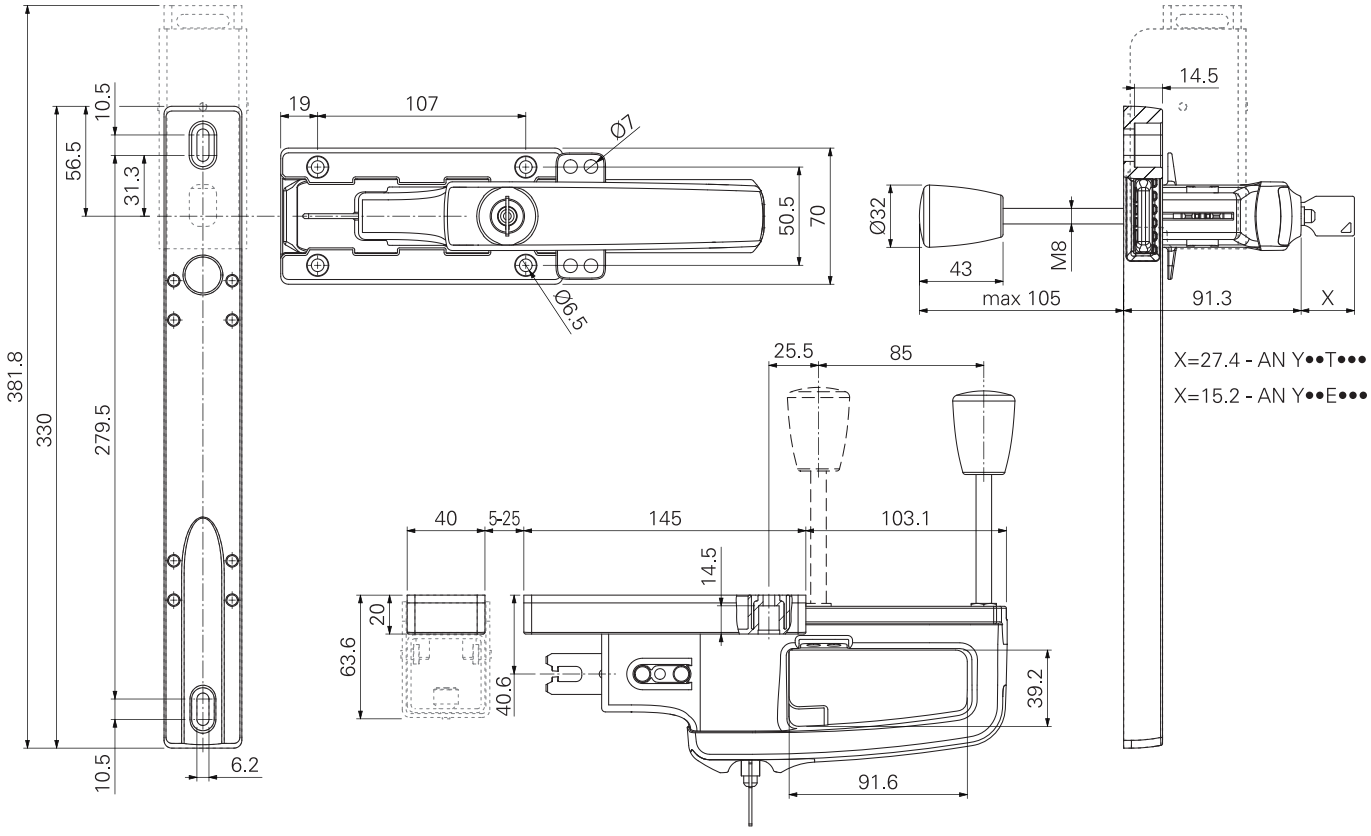
Internal lever for emergency release	
P	With internal lever for release projecting 105 mm and red plastic knob
Z	Without internal lever for release

Dimensional drawings

P-KUBE Lite safety handles (articles AN Y••ZZ••)



P-KUBE Lite safety handles (articles AN Y••T••• and AN Y••E•••)



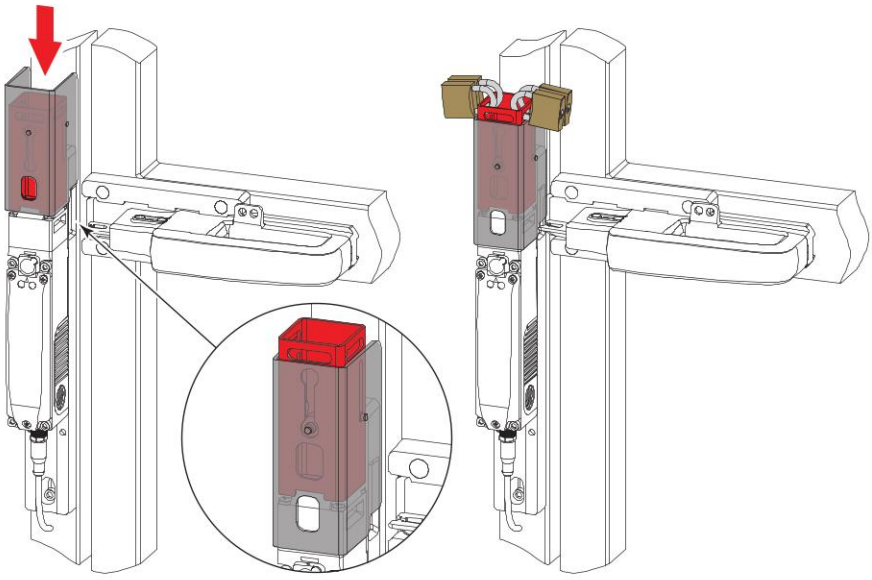
All values in the drawings are in mm

→ The 2D and 3D files are available at **www.pizzato.com**

Accessories

Lock-out device for P-KUBE Lite handles

The P-KUBE Lite handle can be equipped with an optional lock-out device mounted on the switch support bracket. Lowering the moveable outer part of lock-out device, the centring hole in the bracket and the slot in the switch for the actuator are closed in a single operation. This reliably prevents mechanical closing of the door and electrical commutation of the switch contacts. With the lock-out device activated, it is possible to insert up to 9 padlocks: this feature makes the P-KUBE Lite handle with lock-out device particularly suitable for large and complex systems, in which the maintenance phases require the simultaneous entry of several operators into the hazardous areas.



Release button



Article	Description
VF FG-LP15	Technopolymer release button for max. 15 mm wall thickness, supplied with screw
VF FG-LP30	Technopolymer release button for max. 30 mm wall thickness, supplied with screw
VF FG-LP40	Technopolymer release button for max. 40 mm wall thickness, supplied with screw
VF FG-LP60	Metal release button for max. 60 mm wall thickness, supplied with screw



Article	Description
VF FG-LPRG	Metal release button for wall thickness from 60 to 500 mm, supplied with 2 supports and 2 screws, without M10 threaded bar

The M10 bar can be supplied in zinc-plated steel with 1 m length. Article: AC 8512.

Note: For other release-button lengths see the indications on page 135.

Adhesive labels for escape release button



Polycarbonate yellow adhesive, rectangular, 300 x 32 mm, red inscription. It has to be fixed on the internal part of the jamb and helps finding the escape release button.

Article	Description and language	
VF AP-A1AGR01	PREMERE PER USCIRE	ita
VF AP-A1AGR02	PUSH TO EXIT	eng
VF AP-A1AGR04	ZUM ÖFFNEN DRÜCKEN	deu
VF AP-A1AGR05	POUSSER POUR SORTIR	fra
VF AP-A1AGR06	PULSAR PARA SALIR	spa
VF AP-A1AGR07	НАЖАТЬ ДЛЯ ВЫХОДА	rus
VF AP-A1AGR08	NACISNĄĆ ABY WYJŚĆ	pol
VF AP-A1AGR09	PRESSIONAR PARA SAIR	por

All values in the drawings are in mm

Accessories See page 357

➔ The 2D and 3D files are available at **www.pizzato.com**