

Accessories and cylinder parts



ASSA ABLOY

Key-contact electric cases

The electric cases activate an electric circuit by means of a key.

Mechanical features

- » Protection degree: IP 54
- » Requires a 30x10 cylinder of 8 positions with the cam located 90° to the left. (25° cam for the model: interlocking with key extraction)
- » Sizes:
Aluminium box: 75 x 75 x 52mm.
Front (mortise model): 100 x 125mm.

Electric features

- » Microswitch: Maximum voltage 220Vac Maximum intensity 5A
- » Led Maximum Voltage 12Vac

Available models of:

- » Rim or mortise
- » 2 or 3 positions
- » LED indicator option

Features

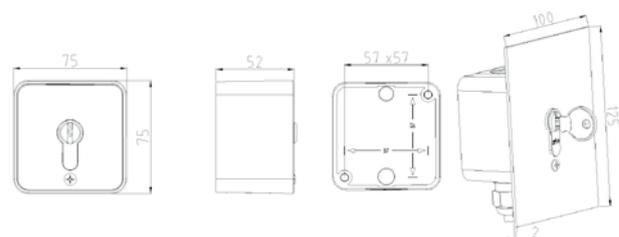
The multifunction microswitch allows the user to establish the right option for each application. One single model can operate with return function or interlocking.

Applications

- » **Return:** In applications where the activation of the microswitch puts the electric circuit into service. Example: garage doors. Once the key rotates, it activates the microswitch and later a spring enables the return for the extraction of the key.
- » **Interlocking:** For applications where it is convenient to have the key secured during the operation of the electric circuit. Example: In a hotel room, as an energy disconnecter. When the key rotates, it remains secured and activates the microswitch.

Models with interlocking are suitable for two different applications by merely switching the cam's position.

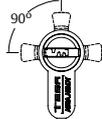
1. Cam 90° to the left (9 hours): when the key rotates, the circuit is closed. In order to remove the key, it must return to the original position and the circuit will remain open. In order to close the circuit, the key must be inside the box.
2. Cam to 25°: It allows the user to leave the circuit connected or disconnected by removing the key.



Model	Positions	LED	Mounting
CEL1ME	2	No	Mortise
CEL1MS	2	No	Rim
CEL1LE	2	No	Mortise
CEL1LS	2	No	Rim
CEL2ME	3	Si	Mortise
CEL2MS	3	Si	Rim
CEL2LE	3	Si	Mortise
CEL2LS	3	Si	Rim

Cylinder for electric case with adjustable cam

- » These cases require a 30 x 10 cylinder and a cam 90° to the left (9 hours).
- » Except for the 1ME model with closed / open micro and key extraction: 25° cam.

Euro half-adjustable	Sist.	Ref.	Sist.	Ref.
	TE5	T53W 30 10 N	T10	T10PW 30 10 N
	T60	T65W 30 10 N	T12	T12PW 30 10 N
	T80	T85W 30 10 N	TX80	TX8W 30 10 N
	TK6	AK6W 30 10 N	TK100	TK153010N

* The references do not include the cylinder (order separately)

Accessories

Key switches

Key switches activates electrical circuits by turning a key.

Mechanical features

- » Protection class: IP 54
- » These key switches require a 30x10, 8 position cylinder with the cam placed at 90° to the left. (Cylinder cam 25° for maintained models with key removal).
- » Dimensions:
Aluminium box: 75 x 75 x 52mm.
Frontplate (Mortise model): 100 x 125mm.

Electrical features

- » Micro-switch:
Máx. Voltage: 220Vac
Máx. Current draw: 5A
- » Led: Máx. Voltage: 12Vac

Available models:

- » Surface or Mortise model
- » 2 or 3 posiciones
- » Optional LED



Functions

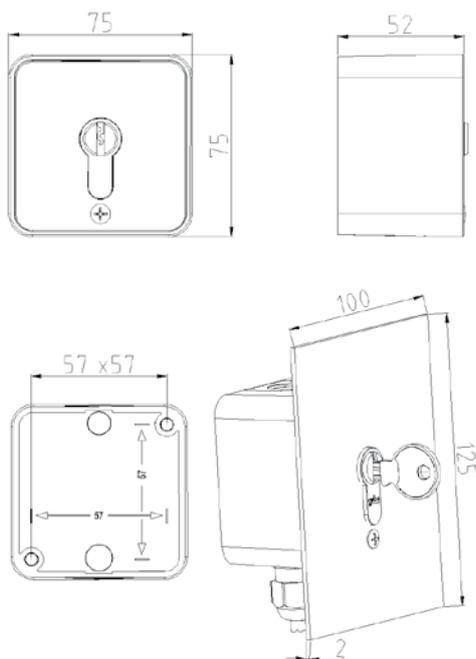
The multifunctional micro switch allows the user to set the appropriate function for the application. The same model can operate with both momentary or maintained contact.

Applications

- » **Momentary contact:** In applications where the micro-switch activation operates the electrical circuit. Example: garage door. Once the key is turned, it activates the microswitch and, later, a spring will prompt the return for removing the key.
- » **Maintained contact:** In applications where the electrical circuit have to remain activated. Example: In hotel rooms as energy saving device. When turning the key, it will activate the microswitch and remain fixed.

There are two applications available only by changing the position of the cylinder cam.

- 1. Cam 90° to the left:** When turning the key the circuit is closed. The key must return to the original position to remove it. In that case the circuit will be disconnected.
- 2. Cam 25° to the right:** It allows to maintain the circuit connected or disconnected when removing the key



Product code	Position	LED	Installation
CEL1ME	2	No	Mortise
CEL1MS	2	No	Surface
CEL1LE	2	Yes	Mortise
CEL1LS	2	Yes	Surface
CEL2ME	3	No	Mortise
CEL2MS	3	No	Surface
CEL2LE	3	Yes	Mortise
CEL2LS	3	Yes	Surface

*Cylinder not included