MINI

Series 5

This 100% reversible electric strike – **only 16 mm wide** – is one of the smallest on the market and the perfect match for narrow profiles such as aluminum, wood and PVC. Through its small size and high resistance it can fit any lock.

The radial keeper rotates inside the mechanism box of the electric strike, so the installer does not have to cut the door frame to make it fit.

All models are equipped with electronic protection to prevent damage to the access control system they are connected to. This also represents an advantage for the installer as the connection is not polarized.

Featuring a wide variety of functions and voltages, these strikes quickly unlock standard doors through low power consumption.

Technical features

- Guaranteed endurance rating: 300.000 cycles (120N side-load on AC)
  Max. side-load on AC: 160 N
  Max. side-load on DC: 10 N
- Break-in resistance: 5.000 N
- Dynamic Strength: 33 ft lbf
- Operating temperature range: -15 °C /+40 °C
- Housing Material: Zamak
- Keeper Material: Zamak
  Keeper's Adjustability: 2 mm
  Keeper Depth: 5,4 mm
- Patented hold-open system
- Guaranteed 3 years
- Complies with 2004/108/CE (EN 55014)
- Corrosion resistant according to UNI ISO 9227

Coil features

B **9-16 V ac/dc <1min**
(15,5 Ω 0,6A at 12 V ac)

J **6-12 V ac/dc <1min**
(8,5 Ω 0,84A at 9 V ac)

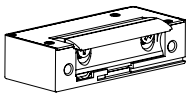
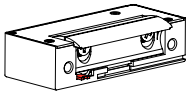
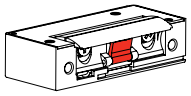
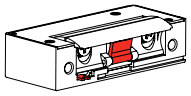
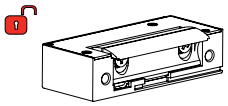
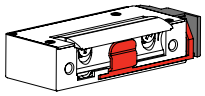
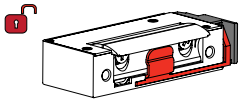
E **12 V dc ∞**
(42 Ω 0,27A)

F **24 V dc ∞**
(192 Ω 0,12A)

Special coils available upon request:

D **24 V ac/dc <1min**

References and features

		Radial adjustable keeper	Reversible	Side-load	Electronic protection	Voltage	References add faceplate
	**Fail-secure**	●	●	●	●	9-16 V ac/dc	**50.1.00.B**
		●	●	●	●	6-12 V ac/dc	**50.1.00.J**
		●	●		●	12 V dc	**50.1.00.E**
		●	●		●	24 V dc	**50.1.00.F**
	**Fail-secure with mechanical unlocking**	●	●				**51.1.00.NC**
		●	●	●	●	9-16 V ac/dc	**51.1.00.B**
		●	●	●	●	6-12 V ac/dc	**51.1.00.J**
		●	●		●	12 V dc	**51.1.00.E**
		●	●		●	24 V dc	**51.1.00.F**
	**Hold-open**	●	●	●	●	9-16 V ac/dc	**52.1.00.B**
		●	●	●	●	6-12 V ac/dc	**52.1.00.J**
	**Hold-open with mechanical unlocking**	●	●	●	●	9-16 V ac/dc	**53.1.00.B**
		●	●	●	●	6-12 V ac/dc	**53.1.00.J**
	**Fail-safe**	●	●		●	12 V dc	**54.1.00.E**
		●	●		●	24 V dc	**54.1.00.F**
	**Fail-secure with monitoring**	●	●	●	●	9-16 V ac/dc	**56.1.00.B**
		●	●	●	●	6-12 V ac/dc	**56.1.00.J**
		●	●		●	12 V dc	**56.1.00.E**
		●	●		●	24 V dc	**56.1.00.F**
	**Fail-safe with monitoring**	●	●		●	12 V dc	**58.1.00.E**
		●	●		●	24 V dc	**58.1.00.F**

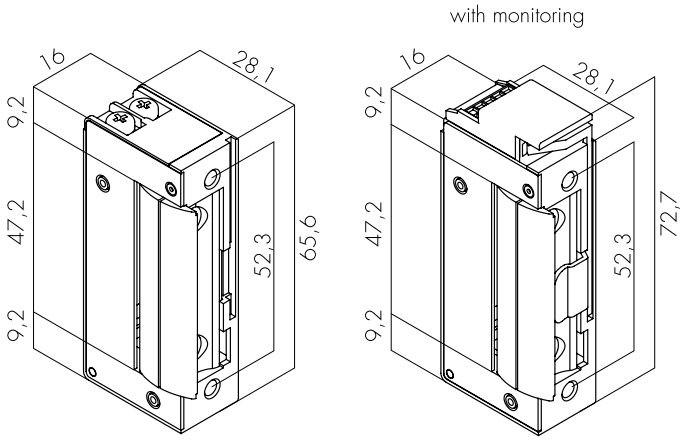
Monitoring features

	Intensity	Contact resistance	Insulation resistance	Operating temperature
Microswitch S1	1A/125V ac 0,5A/30V dc	50 mΩ maximun	100 MΩ minimum (at 500V dc)	From -25°C to 65°C (without ice)

Recommended Faceplates

SHORT	LONG	ANGLED
27 SST	22 SST	24 SST
28 SST	23 SST	25 SST
	26 SST	
	29 SST	
	30 SST	

Dimensions



NEW FEATURE

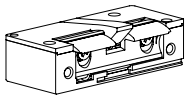
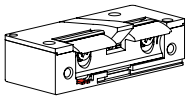
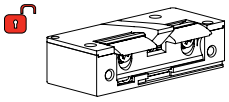
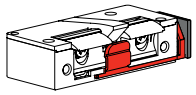
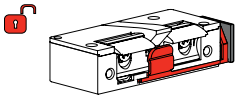
MINI LATCH GUIDE

The Mini latch guide is an evolved electric strike feature that **avoids the latch of the lock to be seized up** in the cavity of the frame when it is mechanized for the installation.

Totally suitable and compatible with mortise locks, roller bolt locks and latch bolt slides.

The latch guide cover is made of steel and it is recommended to use large faceplates for wooden frames.

References and features

		Radial adjustable keeper	Reversible	Side-load	Electronic Protection	Voltage	References add faceplates
	**Fail-secure**	●	●	●	●	9-16 V ac/dc	**50.MA.1.00.B**
		●	●	●	●	6-12 V ac/dc	**50.MA.1.00.J**
		●	●		●	12 V dc	**50.MA.1.00.E**
		●	●		●	24 V dc	**50.MA.1.00.E**
	**Fail secure with mechanical unlocking**	●	●				**51.MA.1.00.NC**
		●	●	●	●	9-16 V ac/dc	**51.MA.1.00.B**
		●	●	●	●	6-12 V ac/dc	**51.MA.1.00.J**
		●	●		●	12 V dc	**51.MA.1.00.E**
		●	●		●	24 V dc	**51.MA.1.00.F**
	**Fail-safe**	●	●		●	12 V dc	**54.MA.1.00.E**
		●	●		●	24 V dc	**54.MA.1.00.F**
	**Fail-secure with monitoring**	●	●	●	●	9-16 V ac/dc	**56.MA.1.00.B**
		●	●	●	●	6-12 V ac/dc	**56.MA.1.00.J**
		●	●		●	12 V dc	**56.MA.1.00.E**
		●	●		●	24 V dc	**56.MA.1.00.F**
	**Fail-safe with monitoring**	●	●		●	12 V dc	**58.MA.1.00.E**
		●	●		●	24 V dc	**58.MA.1.00.F**

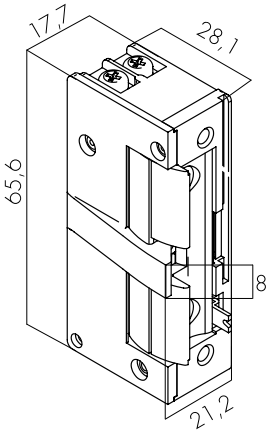
Monitoring features

	Intensity	Contact resistance	Insulation resistance	Operating temperature
Microswitch S1	1A/125V ac 0,5A/30V dc	50 mΩ maximun	100 MΩ minimum (at 500V dc)	From -25°C to 65°C (without ice)

Recommended faceplates

SHORT	LARGE
27 SST	22 SST
28 SST	23 SST
	26 SST
	29 SST
	30 SST
	38 SST
	39 SST

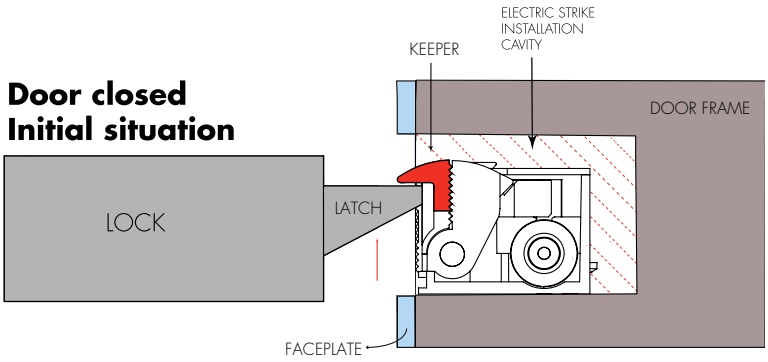
Dimensions



Mini electric strike with latch guide installed

Mini Latch Guide Feature

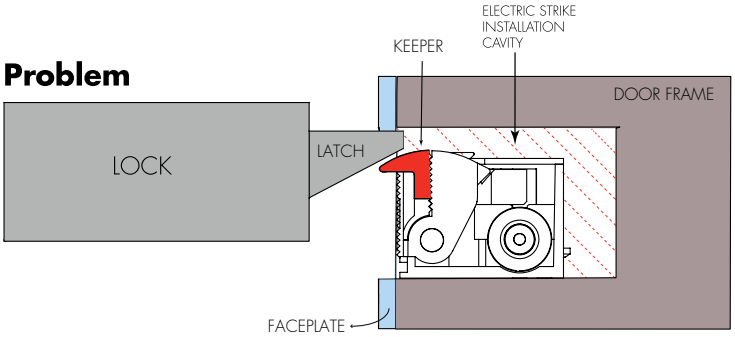
Door closed
Initial situation



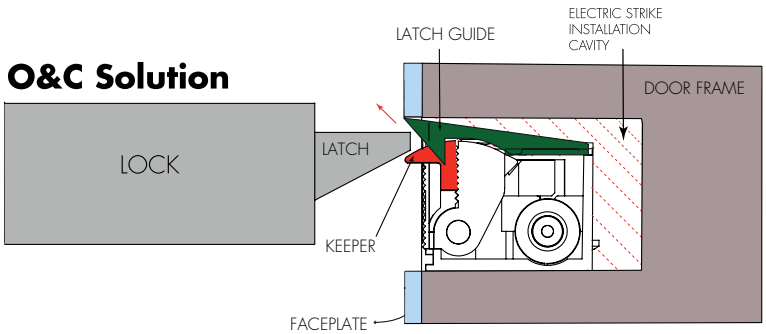
To understand the latch guide purpose, it is necessary to observe the latch movement when the door is about to be opened or closed. So, the following picture shows the initial position when the door is closed.

When the door is about to be opened, the latch may get blocked between the electric strike installation and the door frame cavity.

Problem



O&C Solution



Thanks to the latch guide feature in the mini electric strike, the door won't be blocked. The latch is going to slide along the latch guide without getting stuck in the strike installation cavity.