

New Locinox solution for automated gates

Electradrop Fail Open: Gate motor protection and emergency exit



Mid-October Locinox commercially launches its new Electradrop with Fail Open feature. The electrical drop bolt protects automated gates from wind pressure and has an internal battery set for emergency exit purposes during a power shortage.

The new Electradrop-R is Locinox' most recent innovation in its gate automation range. This motorized electrical drop bolt is a solution for several challenges of automated gates, such as wind pressure or power failure. The bolt protects a closed gate from external forces affecting the gate motors and the internal battery guarantees a safe exit in case of emergency.

Vulnerable to strong wind

The continuously growing desire for privacy also raises the demand for fully cladded gates. These heavier alternatives for traditional barred gates are vulnerable to strong wind forces, moving the wings back and forth uncontrollably. This could damage and reduce the lifetime of the motors, while removing the guarantee of the gate remaining completely closed.

The Electradrop with Fail Open function is the newest Locinox solution to this challenge. The stainless steel drop bolt with 120 mm throw firmly secured in the ground holds the gate wings in place, disburdens the electric motors and adds another level of protection to the perimeter.

Connection to warning lights

The electrical drop bolt is connected to the warning light of the gate. Once the light starts flashing, the Electradrop is completely lifted in less than three seconds. As soon as the light has stopped, the Electradrop automatically drops in under three seconds.

An internal battery set, guaranteed to last at least 10 years, offers a very important emergency exit functionality. In case of power shortage, the long lasting batteries automatically lift the drop bolt. This assures a free emergency exit for people inside and access for rescue services such as ambulances or the fire department.

Fail Open v Fail Close

This Fail Open function is a specific solution for collective housing or buildings. There is also an opposite Fail Close version of the Electradrop which keeps the drop bolt closed during power shortage, specifically in residential situations.

The Electradrop has a 20 mm diameter, more than 1.000 kg of holding force and more than 40 kg of pulling force. The motorized drop bolt automatically detects obstacles, is vandal proof and supports horizontal installation.

About Locinox

As a leader in a niche market, Locinox manufactures mechanical, electromechanical and access control products for the fencing and gate industries - such as locks, hinges, hydraulic gate closers, motorised drop bolts and keypads for manufacturers and installers of swing and sliding gates. Thanks to a continuous strive for innovation in perimeter security, Locinox is already active in 57 countries.

- Location: Waregem
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