SAG

Schulte-
Schlagbaum AG



WELCOME TO THE NEXT LEVEL

Safe-O-Tronic DS – Electronic identification and locking system for doors



Safe-O-Tronic DS

Electronic identification and locking system

Commercial property access management is now more efficient, thanks to flexible and scalable solutions for any door configuration. Our smart solutions offer central management for a diverse range of user groups, meaning you can optimise your locking system at any time to meet changing requirements.

Look and Feel
High-quality products recognised for timeless design.

Very user-friendly
A light touch on the capacitive keypad is all it takes to enter the PIN.

Perfect interface management
The open REST API makes it possible to easily integrate the Safe-O-Tronic software into third-party systems.

Simple retrofitting
Easy installation.

Convenient user navigation
Visual feedback via an LED strip and an additional audible signal.



Read area for RFID technology
When using RFID, the data chip is simply held in front of the read area.

Intuitive operation
Operation is incredibly simple as it is based on the symbols commonly used on mobile phones.

Intelligent battery management
The battery compartment on the outside enables quick and easy battery replacement.

Smart PIN codes
Without cabling and without gateway.

Safe-O-Tronic DS
Smart locking convenience

Smart locking convenience

Safe-O-Tronic DS combines high security with versatile access for keyless entry using a PIN code or a contactless RFID tag. Enjoy a completely maintenance-free locking system featuring an easily accessible exterior battery for hassle-free replacements.

Security without compromise

Safe-O-Tronic DS is certified for fire and smoke protection doors (T30) as well as emergency exit locks in accordance with DIN EN 179. The locking system meets the requirements for electromagnetic compatibility (EMC) and is CE-compliant. A lock log provides indisputable evidence of all activities. If a key is lost, transponders can be blocked immediately. After several incorrect PIN code entries, a lockout period is automatically activated to prevent tampering attempts. For emergency access, you can add an optional mechanical profile cylinder.



More convenience

The locking system fits standard profile cylinder mortise locks and escutcheon bores, allowing for effortless, wireless installation on existing doors. Designed for both left- and right-handed use, this versatile fitting works with all common door types.

The locking system relies on cost-effective, standard data media (e.g. Mifare in accordance with ISO 14443A). Streamlined access: Authorisations can be automatically assigned from a central terminal. The time-limited PIN code (temporary guest code) can be generated remotely using software. The built-in algorithm eliminates the need for manual programming or a network infrastructure.

Keyless entry
Intelligent identification



Safe-O-Tronic
DS 200
PIN code door lock



Safe-O-Tronic
DS 300
RFID door lock



Safe-O-Tronic
DS 400
Combined RFID
and PIN code door lock

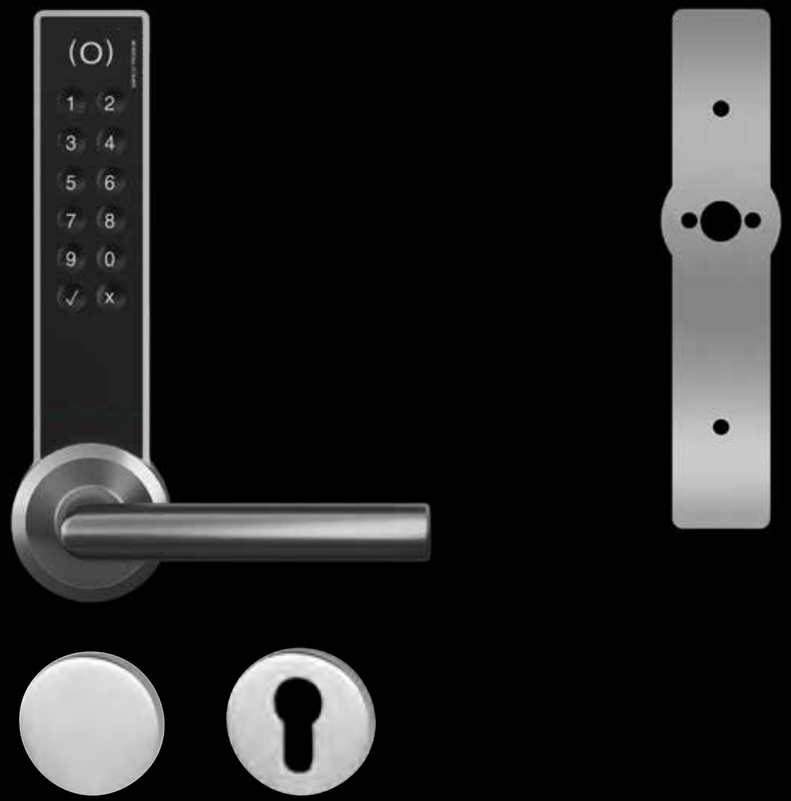


Standard version
(shown here with
a blank escutcheon)



Variant with emergency
opening cylinder

Safe-O-Tronic identification options:		DS 200	DS 300	DS 400
	PIN-Code	∘		∘
	PIN-Code (TGC)	∘		∘
	RFID		∘	∘



Safe-O-Tronic DS

Diverse fitting solutions

Lever handle variants

Safe-O-Tronic's modular design concept also provides the flexibility to select from a wide range of compatible door lever handles and other hardware components. In our range, you will find a selection of lever handle variants that can be combined with Safe-O-Tronic. Special decorative plates make it easy to replace existing long backplate fittings. Combination with mechanical lock cylinders (e.g. as emergency opening cylinders) is also easily achievable.









Safe-O-Tronic DS

Suitable for any door









Simple planning and installation

Safe-O-Tronic DS is compatible with standard profile cylinder or latch mortise locks and can be installed quickly and easily without wiring – even whilst the premises are in use. Safe-O-Tronic makes your work easier right from the planning stage.

Independent of the distance dimension of the mortise lock

Whether a variant with or without a rotary knob: Thanks to the Safe-O-Tronic escutcheon solution, you are no longer limited by the mounting dimensions of your mortise locks.

Door thickness independence

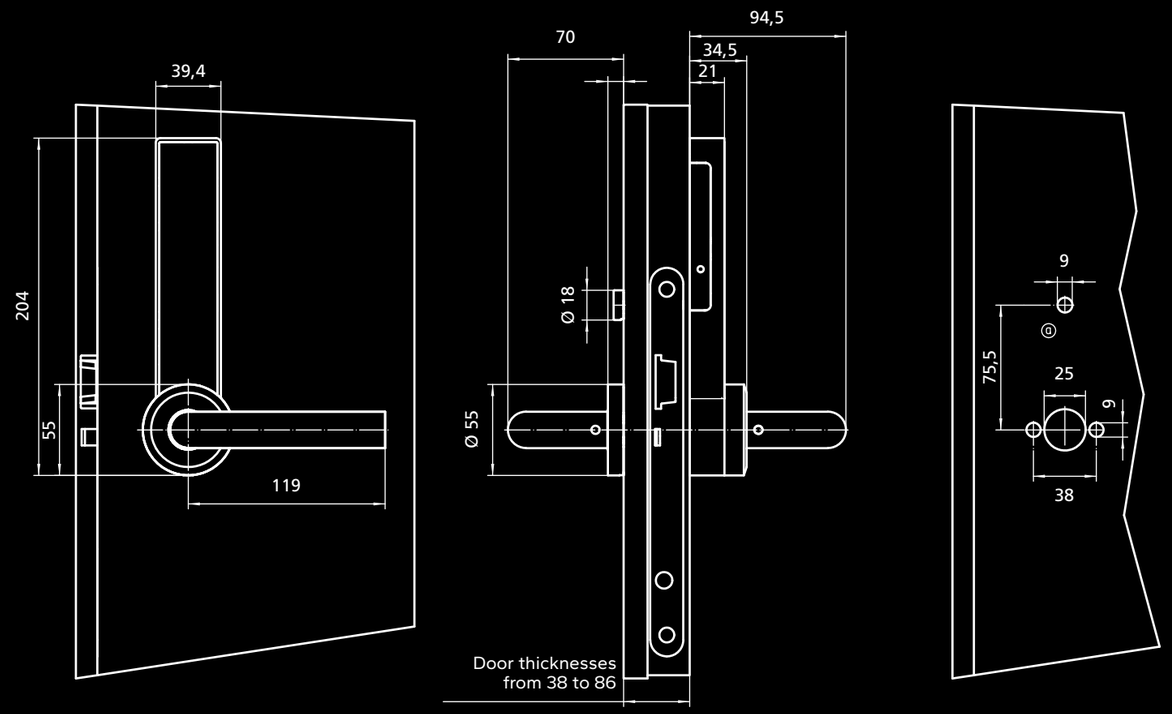
Safe-O-Tronic DS offers flexible adaptation to door thicknesses from 38 to 86 mm (other door thicknesses on request).

Free selection of installation direction

Safe-O-Tronic DS is suitable for right-hand and left-hand doors. Therefore, the door direction does not have to be considered in the site planning.



Emergency opening cylinders (optional)



Safe-O-Tronic DS
Technical data

Safe-O-Tronic DS	
Operating modes	Serial numbers/badge numbers/ lock groups
Display elements	4 x LEDs
Acoustic signal	Beeper
Battery	Battery pack: 3 x alkaline cells (AAA)
Battery life	25,000 activations*
Temperature ranges	Function: 0 to +50°C Storage: -15 to +50°C (battery life limited at ≤0°C)
Relative humidity	10–90% non-condensing
Weight without lever handle/rotary knob/ decorative rosette	approx. 750 g
Housing dimensions without rotary knob/ decorative rosette (H x W x D)	204 mm x 55 mm x 21 mm
Housing	Brushed matt stainless steel finish
Control panel colour	Black (customisable, if desired)
System type	Stand-alone
Max. media to be managed	65,000 per lock/locking system
Max. closures to be managed	65,000 per locking system

* The battery life depends on the ambient temperature, the selected setting parameters, the lock type and the batteries used.

Safe-O-Tronic DS	DS 200	DS 300	DS 400
Identification			
PIN code	○		○
PIN TGC (min. 4 digits)	○		○
RFID (MIFARE, ISO 14443 A)		○	○
Accessories			
System key set	○	○	○
TestKey	○	○	○
USB reader	○	○	○
Lock Manager Software 6	○	○	○
Lock Manager Software 7	○	○	○
REST API (open interface)	○	○	○
Communicator	○	○	○
Offline terminals (for surface-mount or flush-mount installation)	○	○	○
Additional features			
Contactless alarm sensor		○	○
Lockout period for protection against unauthorised opening attempts	○		○
Locking log memory for 450 entries	○	○	○


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