

Simons Voss

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Simons  Voss
technologies

KEYLESS WORLD

The intelligent fittings
from SimonsVoss

SmartHandles from SimonsVoss

With a contemporary design and a wide range of variants, SmartHandles from SimonsVoss meet demanding requirements for flexibility, function and elegance.

Robust mechanics and intelligent electronics in seamless interaction

The fusion between sophisticated electronics and durable mechanics is what makes every SimonsVoss SmartHandle strong. We test durability in mechanical components during complex, long-time processes. The electronics are meticulously assembled by hand in Germany.

Highly compatible - also perfect for retrofitting

Intelligent SimonsVoss fittings can be retrofitted at any time. Thanks to the range of variants, they are easily adapted to different door installation types and conditions. They are compatible with different door thicknesses, door materials, existing holes and special requirements. In most cases, you can retrofit them in next to no time without needing to drill more holes.

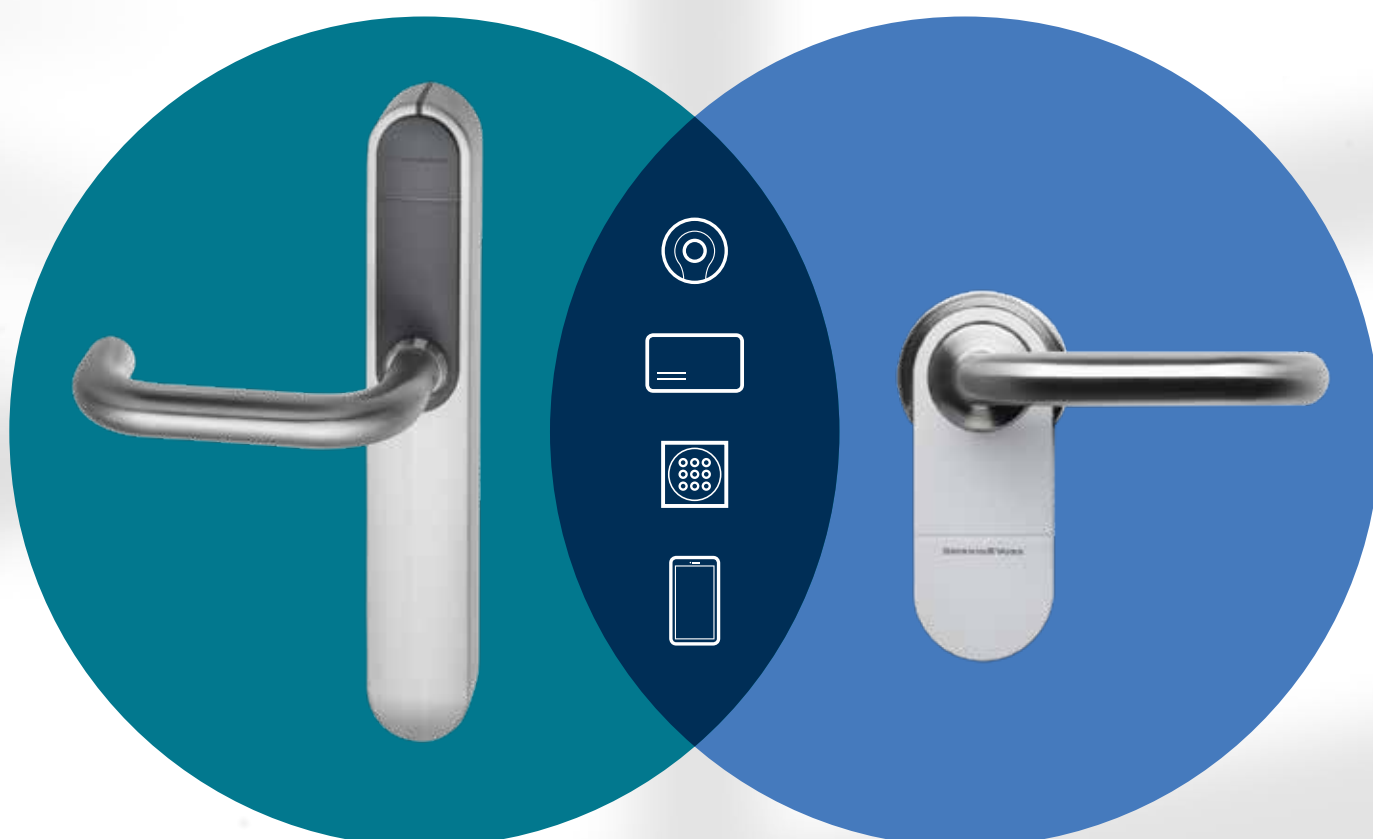
Timeless design as a style statement

SimonsVoss SmartHandles offer an elegant visual appeal, yet remain understated. These intelligent fittings adapt to every style thanks to their design variants and blend in with different interiors thanks to their minimalism.

Design meets smart electronics and durable mechanics

SimonsVoss SmartHandles impress with their many advantages:

- ⌘ Durable electronics, hand-assembled in Germany
- ⌘ Low-maintenance, robust mechanics
- ⌘ Fast conversion without cabling
- ⌘ Diverse range of variants for different door installation types
- ⌘ Timeless design aesthetics
- ⌘ Suitable for offline application, partial networking and full networking
- ⌘ Can be operated with a transponder, smart card, smart tag, PIN code and smartphone



Two that are a perfect match: SmartHandle AX & SmartHandle AX Advanced

Smart fittings for indoor and outdoor use

The strength of the two fittings lies in how they complement each other. SmartHandle AX is an all-rounder for interior doors whereas SmartHandle AX Advanced is ideal for outdoor use. Both are designed to contain different reader technologies and can be operated with standard identification media. They feature a modular design and can be adapted to different door installation types thanks to their diverse range of variants. Thanks to contemporary BLE functionality (Bluetooth Low Energy) and a secure element, they meet the latest digital requirements.

- ⌘ Advanced electronics with BLE functionality
- ⌘ Secure element for the secure storage of system-relevant data
- ⌘ Modular design for maximum compatibility

- ⌘ Handle can be fitted on the left or right
- ⌘ Suitable for round and oval escutcheons
- ⌘ Also compatible with mechanical secondary locking device




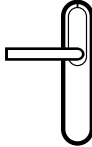
10 years

Battery life
up to 10 years on standby



1 million

Robust mechanics,
tested for 1 million activations

	 SmartHandle AX	 SmartHandle AX Advanced
Interior doors	✓	(✓)
Exterior doors		✓
Metal frame doors	(✓)	✓
Solid-core doors	✓	✓
Glass doors	✓	
Panic bars	✓	✓
Burglary protection		✓



SmartHandle AX

This adaptable all-rounder for almost any interior door

Our favourite for interior doors impresses with its wide range of variants. The handles, finish and design can be precisely adapted to the specific door installation type.

// One SmartHandle, countless handle variants

Just as interior styles vary, so do design requirements. SmartHandle AX can be combined with SimonsVoss handles as well as with different handles from other renowned brand manufacturers.

// Suitable for almost all interior doors

As an all-rounder for almost all interior door requirements, it can be installed in glass doors in addition to solid-core and metal frame doors either in a suspended or fixed version. Its shape makes it compatible for both round and oval escutcheons. Thanks to its white or black-grey inlay, it seamlessly integrates into the surrounding ambience.

:: Available with different SimonsVoss handle variants and finishes

:: Can also be combined with FSB handles

:: Available in a fixed and suspended version

:: Suitable for solid-core, metal frame and glass doors

:: Can also be paired with a mechanical secondary locking device





SmartHandle AX

The chameleon for different design styles

One SmartHandle, countless handle variants



Can be combined with FSB handles

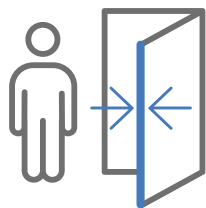


As a fixed or suspended version

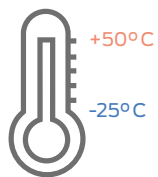


With white or black grey inlay





For doors between
38 and 200 mm thick



Operational at
-25 °C to +50 °C



Wide rotation angle
for high comptability



Also suitable for glass doors



Available with mechanical secondary locking device

SmartHandle AX Advanced

Security for external doors in all weathers

SmartHandle AX Advanced shows its advantages in external doors, security doors and on escape routes.

// Watertight and weatherproof

In the WP version with an IP66 protection rating, the fitting is protected on all sides against environmental influences such as dust or direct water jets. The wireless connection between the outer and inner side eliminates any potential vulnerable spots, thus helping to provide a more robust design.

// Maximum certified burglary protection ES3

In the version with a security fitting, the combination between extremely strong fastening elements and a robust metal plate ensure highly effective tamper protection. An additional mechanical cylinder is secured by a protective casing.

// Can be combined with panic bars in escape routes

The SmartHandle AX Advanced for panic bars in the A4 version can be used on escape routes in accordance with EN 1125. Thanks to a fastening system, it is compatible with numerous panic exit devices, which can be opened in an emergency.

// Wide rotation angle for versatile compatibility

With a rotation angle up to 50°, the SmartHandle AX Advanced guarantees high compatibility with different locks and door systems. The extremely robust spring-back mechanism design ensures that even heavy handles reliably go back to their initial position each time.

// Diverse range of variants for different door installation

The SmartHandle AX Advanced is available in nine versions overall, which impress due to their specific features and adaptability to different door systems.

:: Weatherproof - suitable for external doors

:: Maximum certified burglary protection

:: Compatible with panic bars for escape routes

:: Suitable for solid-core doors and metal frame doors

:: Also available in variants with mechanical secondary locking device



SmartHandle AX Advanced

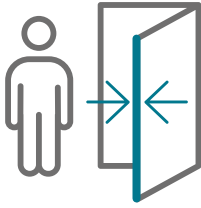
Smart security at your fingertips



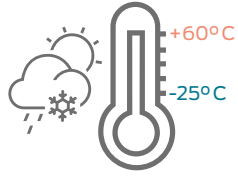
Maximum certified burglary protection ES3



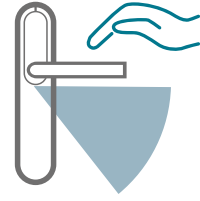
Weatherproof and dust-proof
with IP66 protection rating



For doors between
32 and 185 mm thick



Operational at
-25 °C to +60 °C



Wide rotation angle
for high compatibility



Compatible with panic bars –
suitable for escape and rescue routes



Can be combined with mechanical
secondary locking device

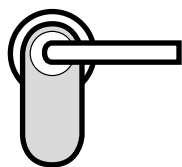
Also for standalone exterior doors
such as fence doors

SmartHandle AX

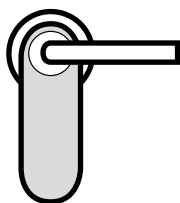
// TECHNICAL DATA

Variants	<ul style="list-style-type: none"> :: Euro Profile cylinder (A) :: Swiss Round (B) :: Scandinavian Oval (E) 	Battery life	Up to 10 years stand-by or 200,000 lock operations (active) 100,000 lock operations (passive)
Dimensions Variants A0/B0 (WxHxD)	66 x 120 x 21 mm	Temperature range	Operational: -25 °C to +50 °C
Dimensions Variants A1/B1 (WxHxD)	66 x 140 x 21 mm	Protection rating	IP40
Dimensions Variants A2/B2 (WxHxD)	66 x 174 x 21 mm	Signalling	Audible (buzzer), visual (LED – green/red)
Door dimension specifications	<ul style="list-style-type: none"> :: Door thickness: 38–200 mm :: Centres distance: 7–110 mm :: Spindle: 7 8 8.5 9 10 	Loggable access events	Up to 3,000
Read systems	<ul style="list-style-type: none"> :: Active transponder technology :: Passive (MIFARE® DESFire®) :: Hybrid (active and passive) :: BLE 	Time zone groups	100+1
Operation types	Online, virtual. network and offline (can be combined)	Number of media which can be managed per SmartHandle AX	Up to 64,000
Battery type	4x CR2450 3V lithium	Radio network	Network-ready with integrated LockNode (can be retrofit)
		Can be upgraded	Firmware upgradable
		Certificates	<ul style="list-style-type: none"> :: Certifire CF 5999 :: EN 1634 :: EN 179 :: EN 1906 (Grade 4) :: DIN EN 1125 :: DIN EN 16867 :: PAS24

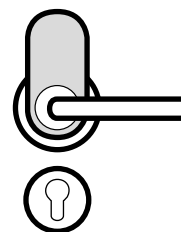
// VARIANTS



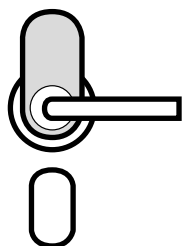
A1 / B1
for mortise lock centres distance: 70–79 mm



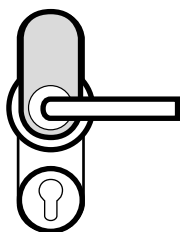
A2 / B2
for mortise lock centres distance: 70–110 mm



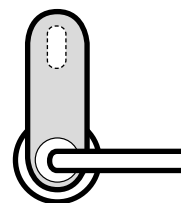
A0 / B0
can be supplied with escutcheon covers with/without Profile Cylinder cut-out



A3
for metal frame doors with oval escutcheons (50 mm hole pattern) – profile width: min. 65 mm

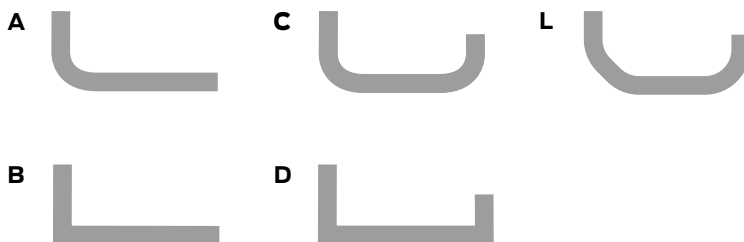


A4
for panic bar adaptation. Observe compatibility.






E0 / E1
for doors with Scandinavian Oval profile.

// HANDLE



// FINISHES

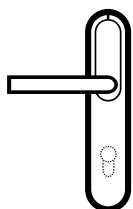
-  Silver/white
-  Silver/black grey
-  Brass/white
-  Silver/jet black

SmartHandle AX Advanced

// TECHNICAL DATA

Variants	Installation variants for Tubular frame doors (oval escutcheons) and full-leaf doors with Euro-PC and Swiss Round (round escutcheons, short backplate, long backplate, protective fitting and and others), Scandinavian Oval and panic bar adaptations	Operation types	Online, virtual network and offline (can be combined)
Dimensions cover narrow (WxHxD)	:: 42x264x26 mm	Battery type	4 x CR2450 3V lithium
Dimensions cover broad (WxHxD)	:: 53x272x26 mm	Battery life	Up to 10 years stand-by or 200,000 lock operations (active) 100,000 lock operations (passive)
Door dimension specifications (depending on variant)	:: Door thickness: 32–185 mm :: Centres distance: 70–105 mm :: Spindle: 7 8 8,5 9 10	Temperatur range	Operational: -25°C to +60°C
Reading systems	:: Active transponder technology 25 KHz :: Passive technology 13,56 MHz (MIFARE® DESFire®) :: Hybrid (active und passive) :: BLE	Protection rating	Up to IP66 (Option .WP)
		Signalling	Audible (Buzzer) Visual (LED - green/red)
		Loggable access events	Up to 3,000
		Time zone groups	100+1
		Number of media which can be managed per SmartHandle AX Advanced	Up to 64,000
		Radio network	Network-ready with integrated LockNode (can be retrofit)
		Can be upgraded	Firmware upgradable

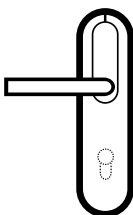
// VARIANTS



K1 / N1 / N2 / M1 / A4

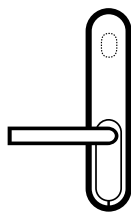
for tubular frame doors with oval escutcheons or full-leaf doors with long plate / short plate holes for Euro-PC and SR.

Available as protective fitting and with panic bar adaptation, Observe compatibility.



L1

for full-leaf foors with round escutcheons for Euro-PC and SR.



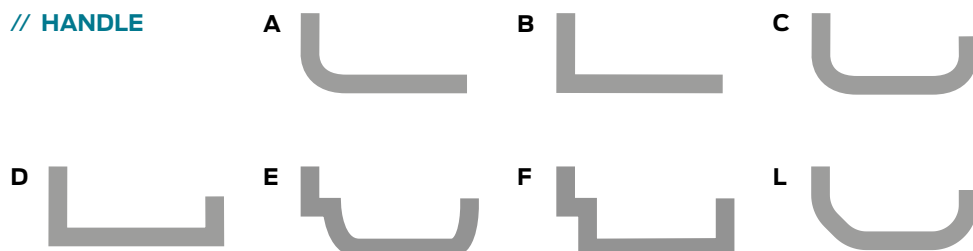
P1

for doors with Scandinavian Oval profile.






// CERTIFICATES

- :: DIN EN 16867
- :: DIN EN 1634
- :: DIN EN 179
- :: DIN EN 1906 (Class 4)
- :: DIN EN 1125
- :: DIN 18257 (ES3) (Variant M1)
- :: PAS24 (in preparation)
- :: SKG*** (in preparation)

// HANDLE



// FINISHES

-  Silver/white
-  Silver/black grey
-  Brass/white
-  Brass/black grey
-  Silver/jet black



This is SimonsVoss

SimonsVoss, the pioneer in remote-controlled, cable-free locking technology provides system solutions with a wide range of products for SOHOs, SMEs, major companies and public institutions. SimonsVoss locking systems combine intelligent functionality, high quality and award-winning design Made in Germany. As an innovative system provider, SimonsVoss focuses on scalable systems, high security, reliable components, powerful software and simple operation. As such, SimonsVoss is regarded as a technology leader in digital locking systems. Our commercial success lies in the courage to innovate, sustainable thinking and action, and heartfelt appreciation of employees and partners.

SimonsVoss is a company in the ALLEGION Group, a globally active network in the security sector. Allegion is represented in around 130 countries worldwide (www.allegion.com).

Made in Germany

SimonsVoss is truly committed to Germany as a manufacturing location: all products are developed and produced exclusively in Germany.

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For general safety and maintenance information, visit www.simons-voss.com/en/security.html

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