



Electronic Door Handle and Door Fitting

Uhlmann & Zacher has established itself in the electronic locking systems market since 1996. With many patented product developments and system enhancements, U&Z has set new benchmarks in the field of transponder-based locking systems. The company is focussing on open and integrated solutions in the development phase itself.

Tailor made products

Be it interior doors, storey doors or connecting doors – the **electronic door handle** CX6172/CX2172/CX8172 and the **electronic door fitting** CX6174/CX2174/CX8174 in a timeless stainless steel design can be installed in virtually all commercially available doors and electronically control the access to the doors. The complete electronics, mechanical parts, LED signalling and the power supply have been fitted in the small space of the door handle. The installation in doors works without special tools or wiring. If desired, the door handle/door fitting can also be controlled via a radio network. The audible and visual signalling of the authorisation status using red and green LEDs enables intuitive operation.

The electronic door handle/door fitting can be used in the **Clex prime**, **Clex private** and **Clex public system** from Uhlmann & Zacher

Therefore it can be installed in **almost any building**, from industrial or office complexes over objects of public administration, hospitals, universities, law firms and doctors' clinics to residential buildings.

The integration is supported by the open protocol **OSS Standard Offline** and if an additional online module is used also **OSDP**. In addition to the proven **868 MHz radio version**, the electronic door handle/door fitting is also available with **Bluetooth® Low Energy**.

In addition, the **Uhlmann & Zacher apps** enable the management, opening and closing of the units. Thereby the smartphone and the electronic door handle/door fitting communicate via Bluetooth® Low Energy.



Your Benefits at a glance



Easy wireless installation and retrofitting



Intuitive operation thanks to clear LED signaling



Certified for fire and smoke resistant doors and emergency exit doors



Offline or online operation possible



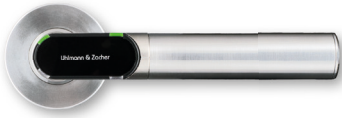
Choice of different variants and door handle designs



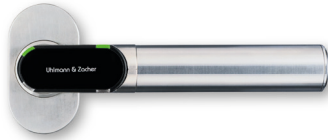
Optionally with round or oval rose as well as with narrow, wide or short plate fitting

Configuration examples

Versions of Electronic Door Handle



Electronic Door Handle with Round Rose



Electronic Door Handle with Oval Rose



Electronic Door Handle for Glass Door

Versions of Electronic Door Fitting



Electronic Door Fitting narrow in blind version



Electronic Door Fitting wide in blind version



Electronic Door Fitting with short plate in blind version

Variations of lever handles



L-Form L1



U-Form U1



U-Form U2

Key rose Door Handle



Round Rose
Profile Cylinder



Round Rose
Blind



Oval Rose
Profile Cylinder



Oval Rose
Blind



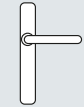
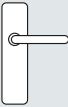



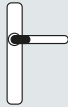
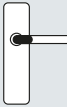


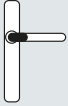
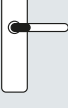

Keyhole Door Fitting



Profile Cylinder



Blind

Electronics outside	Mechanical system inside					Electronic system inside			
									
	✓					✓			
		✓					✓		
		✓	✓					✓	
	✓			✓					✓
					✓				

Mechanical Door Handle



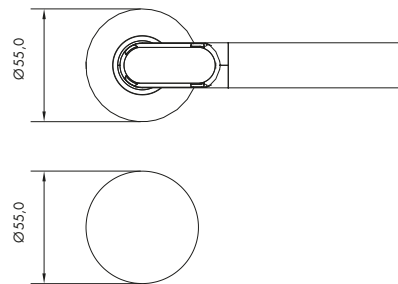
Mechanical Door Fitting



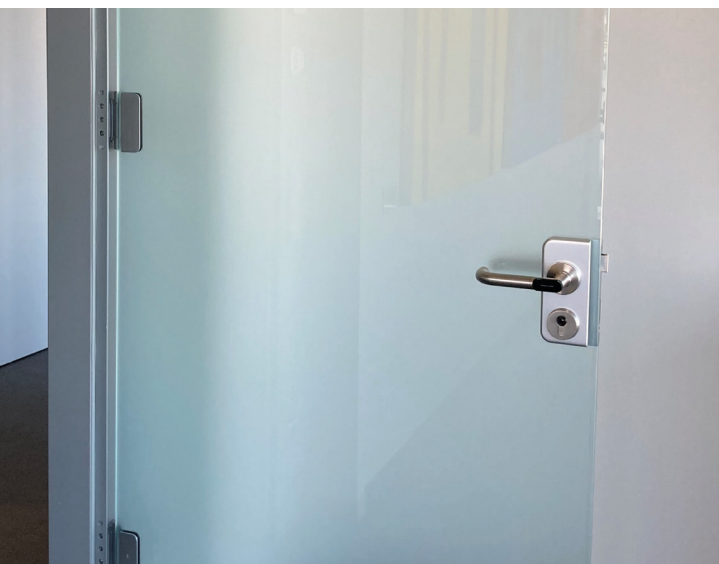
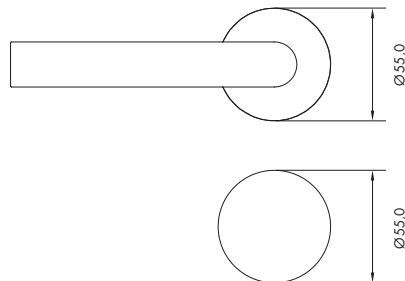
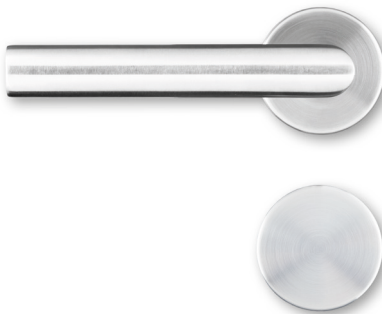
Round Rose

The electronic door handle is available in a version as round rose. In addition a key rose is available, blind as well as with perforation for profile cylinder or for Swiss round cylinder.

Electronic side



Mechanical side

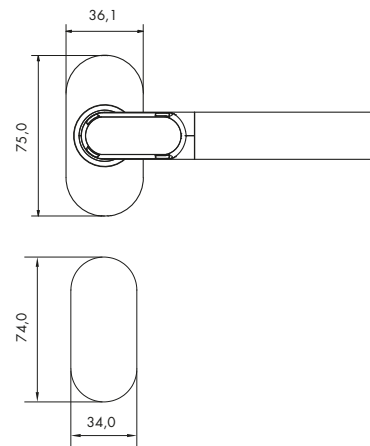


The electronic door handle with round rose is also suitable for use in glass doors in combination with special glass door locks.

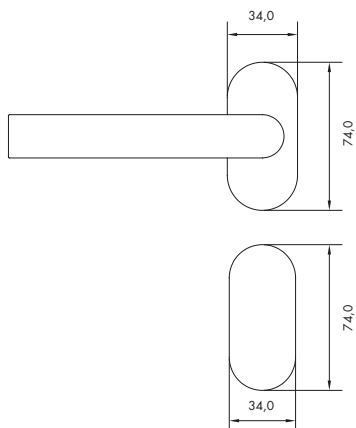
Oval Rose

The electronic door handle is available in a version as oval rose. In addition a key rose is available, blind as well as with perforation for profile cylinder or for Swiss round cylinder. The electronic door handle with oval rose is specially suited for use in tubular frame doors.

Electronic side



Mechanical side



Door Fitting wide

The electronic door fitting is available in a wide version. Blind versions as well as with perforation for profile cylinder or for Swiss round cylinder are available to choose from. The wide version of the electronic door fitting is particularly suitable for use in existing doors, if the holes in the door need to be concealed.

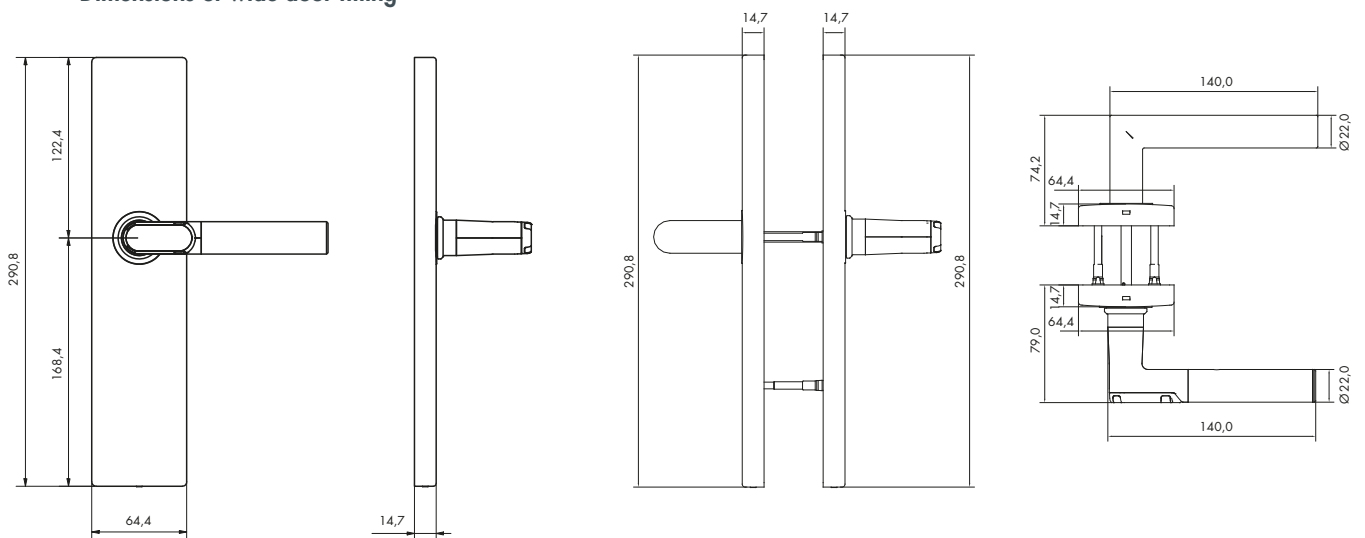
Electronic side



Mechanical side



Dimensions of wide door fitting





Door Fitting narrow

The electronic door fitting is available in a narrow version. Blind versions as well as with perforation for profile cylinder or for Swiss round cylinder are available to choose from. The narrow version of the electronic door fitting is particularly suitable for tubular frame doors.

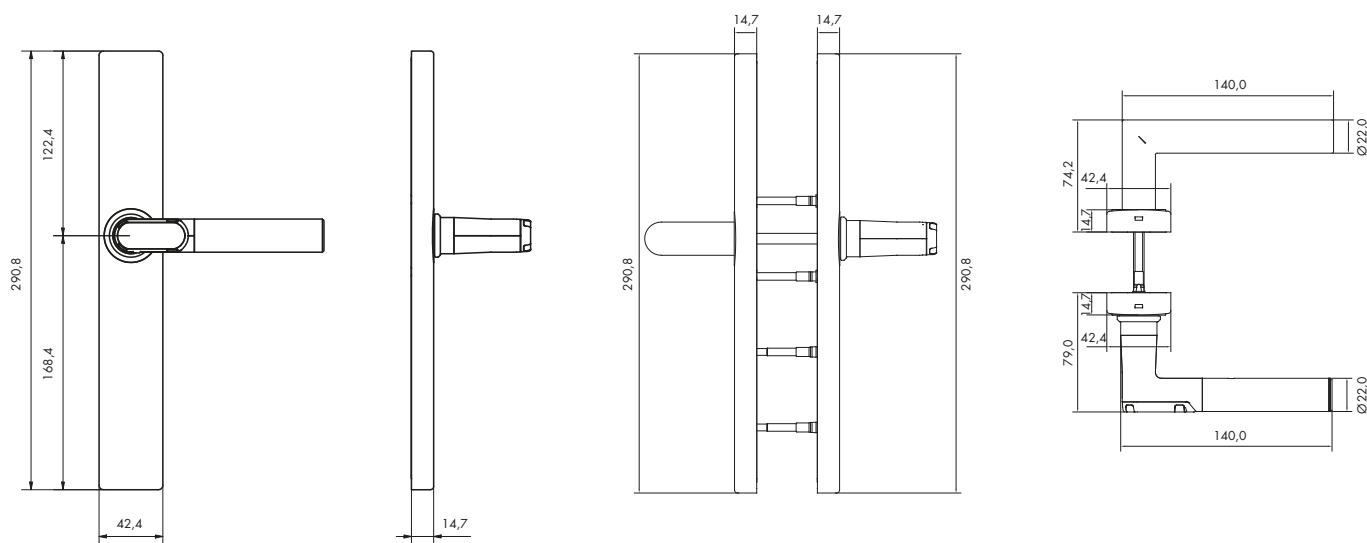
Electronic side



Mechanical side



Dimensions of narrow door fitting





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Door Fitting short plate

The electronic door fitting is available in the short plate version. Blind versions as well as with perforation for profile cylinder or for Swiss round cylinder are available to choose from. The electronic door fitting with short plate is particularly suitable for use in fire and smoke resistant doors as the hole layout matches exactly the standard holes for this kind of doors.

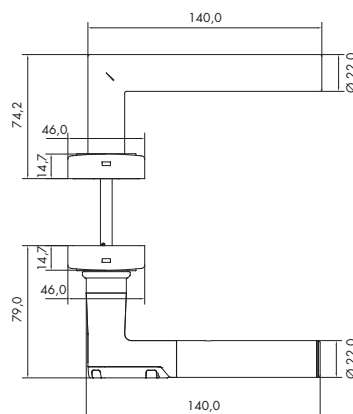
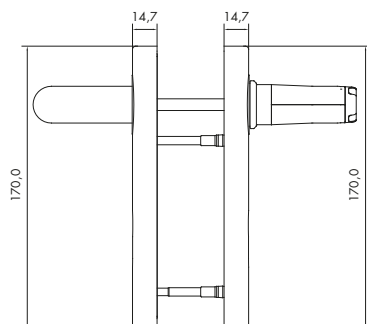
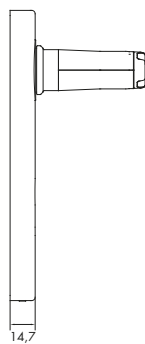
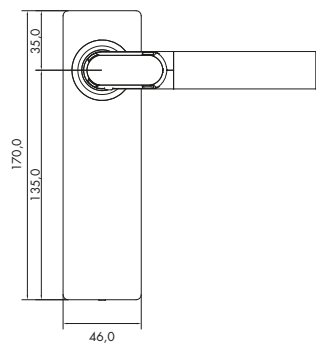
Electronic side



Mechanical side



Dimensions of door fitting with short plate





Door Handle US & Scandinavia

The electronic door handle is the solution to make access to buildings more efficient and secure. The US version of the electronic door handle was specially developed to meet the requirements and standards of the American market. The electronic door handle in the version round rose Scandinavia is suitable for use in Scandinavian doors.



Mortise Lock with
Electronic Door Handle



Bored Latch Lock with
Electronic Door Handle



Electronic Door Handle
Version round rose Scandinavia

Mobile, flexible, secure:

Access via Smartphone

With our new mobile extensions, users of electronic door handles/fittings with Bluetooth® Low Energy can now manage their electronic door handles/fittings as well as open and close them via Smartphone. The locking units and the smartphone do not have to be connected to the internet at the time of opening. Therefore, it is possible to easily open even remote doors

in underground garages oder basements. This is possible both with the smartphone and also with RFID transponders. To ensure the necessary security, Clex mobile systems use a 2-factor authentication by default in addition to the invitation by e-mail.



In the Clex private system, the door handles/fittings can be easily managed from the smartphone using the **Keyng app**. In the Clex prime system, the management is done via the **Keyvi management software** via PC or laptop.



With the **Clex Key App**, the electronic locking units can be opened and closed using the smartphone. The app is available free of charge in the Apple Store und Google Play Store.

Download apps here:







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