

Door closers from ASSA ABLOY



Miau

Surprisingly quiet:
the Close-Motion® technology

ASSA ABLOY

Experience a safer
and more open world

Surprisingly quiet: the innovative Close-Motion® technology

How quiet a door closer can be? With the innovative Close-Motion® technology from ASSA ABLOY, doors glide practically silently and completely reliably into the latched status. The door leaf initially closes like any conventional door closer from the ASSA ABLOY complete range. Close-Motion® ensures that the door not only closes quickly, but is also optimally damped during the closing action. In simple terms, this means

that the door initially closes quickly, is softly damped and is finally pulled reliably closed. The best thing is Close-Motion® minimizes the maintenance requirements and removes the need for complicated adjustments on the door closer. Installation and retrofitting are also extremely simple. Once Close-Motion® is in, noise simply stays outside.



All door closers from
the DC700 series are
available optionally with
Close-Motion®

All the advantages at a glance

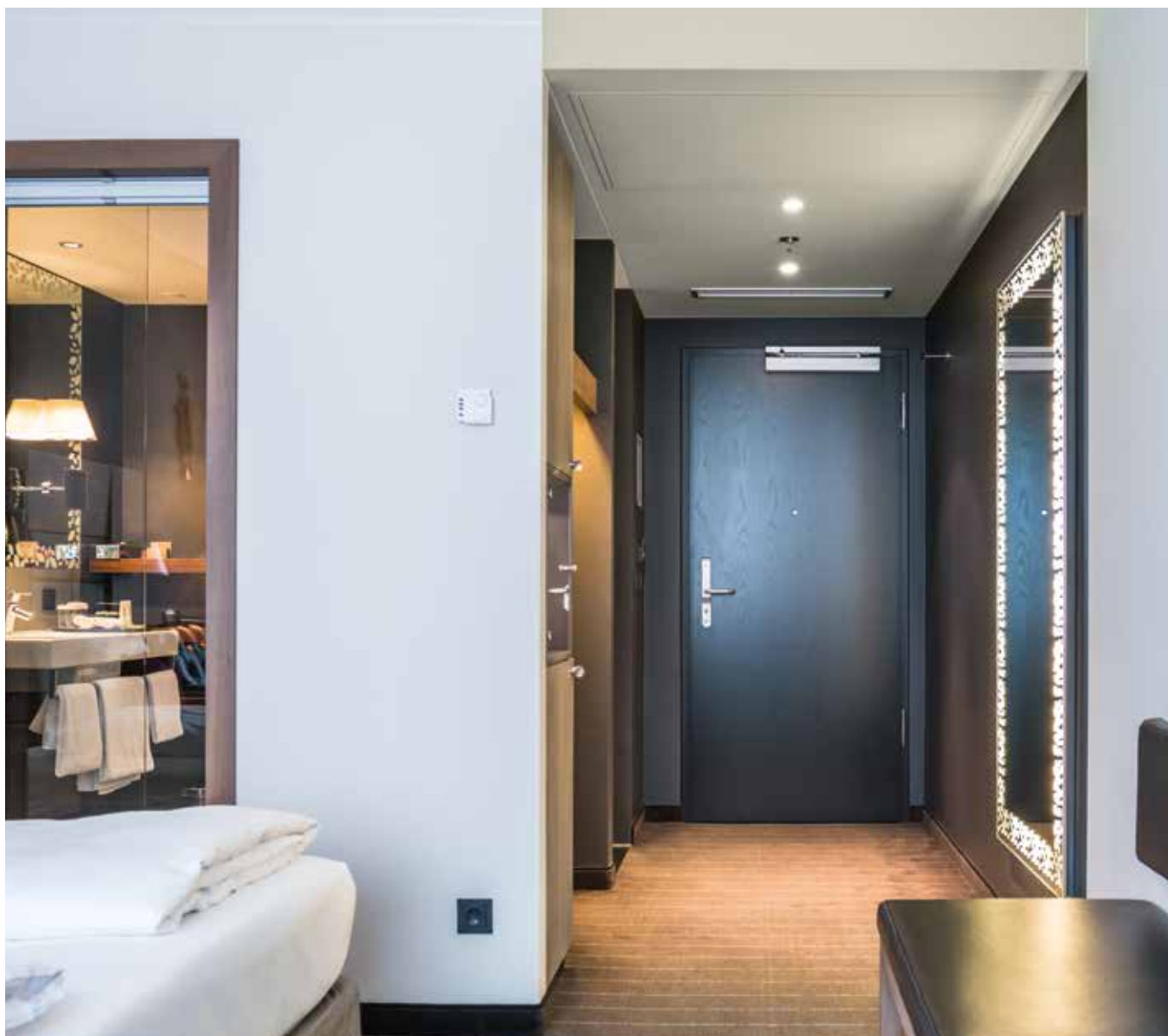
- *The door closes quickly and practically silently*
- *Optimal damping when moving into the closing position*
- *The door is reliably pulled closed against the seal*
- *Improved closing function in wind pressure, draughts, suction*
- *Appealing design through integration in the door closer housing*
- *Suitable for single and double-leaf doors*
- *No regular adjustments required*
- *Minimizes the danger of crushing for fingers*

The perfect combination: design meets comfort

Hotels, hospitals and apartment buildings in particular are faced with the challenge of creating a pleasant, quiet atmosphere despite the noisy environment. Self-closing doors in heavily frequented entrance and exit areas, staircases, corridors and rooms are a massive source of noise here. The closing and opening forces are often too high and prove to be

difficult obstacles for children, more elderly residents or guests carrying luggage. Close-Motion® was developed with these problems in mind. Danger and noise sources can only be minimized with an innovative silencing technology for all door closers. Close-Motion® helps to achieve quiet, as well as a pleasant closing comfort.

Close-Motion® in, noise out – anywhere where a pleasant atmosphere is particularly important



Maximum function with minimal installation requirements

All ASSA ABLOY door closers impress with the combination of technological functions and comfortable handling. The compatible accessories for the door closer systems, like the invisible mounting plate, enable fast and convenient installation. The closing force and strength, as well as the backcheck and latching speed, can be controlled in just a few steps. The good news: with the new Close-Motion® technology, further

adjustments are a thing of the past! The soft damping and gentle closing action of the door means that no subsequent adjustment work on the door closer is required. Only a one-off basic setting is required. The standard installation of a door closer with Close-Motion® is as smooth as the assembly of a conventional ASSA ABLOY door closer from the complete range.

Comfortable thanks to intelligent features: the practical Close-Motion® door closer installation

- *Simple mounting of the invisible mounting plate*
- *Height-adjustable axle can be adjusted manually*
- *Simple regulation of the backcheck and opening speed*
- *Problem-free adjustment of the closing force and strength*
- *Height-adjustable slide rail for simple installation*
- *Suitable for retrofitting on fire and smoke protection doors*
- *Mounting according to the drilling pattern DIN EN 1154*
- *For single action doors with a width of up to 1400 mm*

The Close-Motion® principle is already established in a wide range of sectors: from kitchen manufacturers to the automotive industry – the soft closing and damping of any door type guarantees a silent and reliable closing action. In the past, doors had to be regularly adjusted depending on the individual conditions on-site. Not with Close-Motion®. Once the innovative

system is installed, the door closes quietly as desired. And there are no more problems with draughts from open windows in corridors causing doors to slam loudly. Regardless of the season and weather conditions, Close-Motion® keeps its promises: doors glide gently into the lock for an all-round quiet atmosphere.

Quiet on principle: One movement sequence, many usage areas

For pass doors in primary schools



It is in primary schools where door closers do not only have to lock safely but also to open doors easily. With the integrated Cam-Motion technology this is also easy for the younger ones. And Close-Motion ensures that the risk of crushing is minimised when closing the door.

For centrally positioned doors in commercial buildings like hotels



In the tourism and hotel sector in particular, self-closing doors are required that are also easy to use. In the room and corridor area, a quiet atmosphere must be created to ensure that guests enjoy a relaxing stay and undisturbed sleep.

For entrance and exit areas in private apartment buildings



Open windows, tilted balcony doors and basement doors left ajar all create an unpleasant draught in the corridors, which causes doors to slam shut loudly. With Close-Motion®, quiet is restored once and for all. The innovative Close-Motion® technology guarantees optimal closing regardless of the conditions on-site.

For heavily frequented doors in public buildings like hospitals



A quiet environment is essential in hospitals, as the best medicine is often quiet and relaxation. With Close-Motion®, doors around hospital rooms, treatment rooms and central areas close extremely gently and quietly.

DC700G-CM

Door closer with Cam-Motion® technology and integrated Close-Motion® element



ASSA ABLOY DC700G-CM

- Door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element for safe and noiseless closing
- The door can be pulled closed safely and quietly from an angle of $\leq 10^\circ$
- Suitable for retrofitting on fire doors and smoke control doors and fastening using drilling template in accordance with DIN EN 1154, supplementary sheet 1:2003-11
- Suitable for fire and smoke protection doors with tamper protection
- Tested as a whole element in accordance with EN 1154, size 3-6
- For single action doors up to 1400 mm wide
- Tested according to EN 1155 and EN 1158 (CE certificates applied for)

Characteristics of DC700G-CM

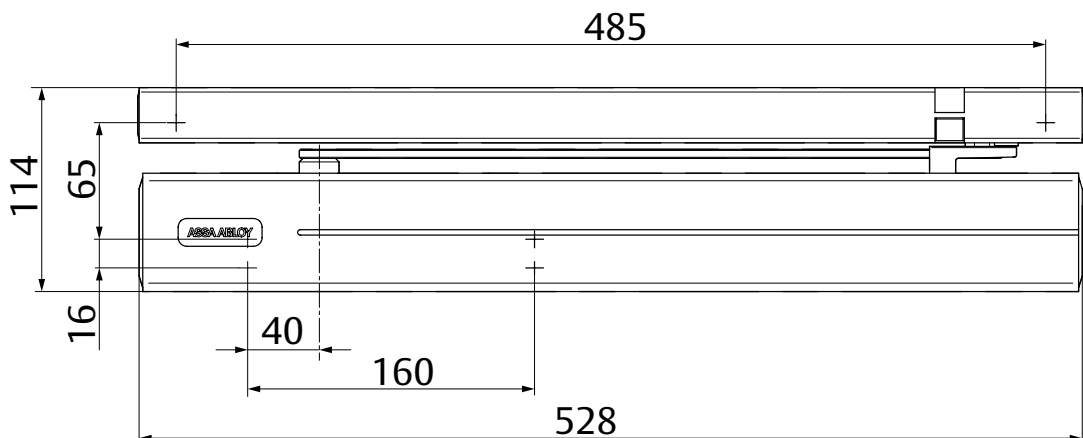
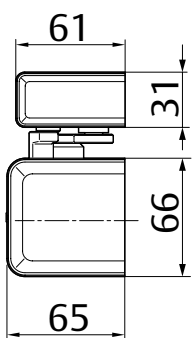
- Integrated Close-Motion® element in extended closer housing
- Close-Motion® element with horizontal and vertical adjustment
- Optional tamper protection, installation without dismantling function elements
- Standard installation on hinge side
- Can be used for left and right-handed doors
- 14 mm height adjustable arm system for ease of fitting
- Closing speed and latching speed continuously adjustable from front
- Variable adjustable closing force
- Opening angle up to 170°
- Thermodynamic valves for consistent speed
- Standard colours: Silver EV1, stainless steel design



CE	ASSA ABLOY Sicherheitstechnik GmbH Bildstockstraße 20 72458 Albstadt	16	3	8	6	3	4	1	3
	DC700G-CM								
Dangerous substances: None									

Characteristics of G150

- Close-Motion® control curve integrated in the guide rail
- Drilling template of the standard guide rails from ASSA ABLOY can be used
- Height-adjustable by 2 mm for tolerance
- Concealed fastening screws



DC700G-CM

Technical attributes

Technical attributes	
Closing force	Variable adjustable EN 3-6
Door width up to	1400 mm
Suitable for fire doors	Yes
Handing	Left / right handed
Mounting method	Standard installation on hinge side
Closing speed	Variable between 160°-10°
Latching speed	Variable between 10°-0°
Backcheck	Variable above 75°
Max. door opening angle hinge side	ca. 170°
Certified in compliance with	EN 1154 EN 1155* EN 1158*
CE marking for building products	Yes
Weight	5.9 kg
Dimension door closer	528 x 66 x 66 mm
Dimension guide rail	528 x 30 x 61 mm
Close-Motion® unit	
Support when closing	Yes
Damping when closing	Yes
Suitable for fire doors	Yes, with tamper protection
Handing	Left / right handed
Tamper protection	Left / right handed

*CE certificate applied for

The advantages at a glance

Customer segment	Advantages
Project planners	- Integrated Close-Motion® element - Solution for challenging door situations (e.g. interlocks) - Extensive range of uses - Compact design - Modern design - For doors with a door width up to 1400 mm
Builders	- Suitable for retrofitting using drilling template in accordance with DIN EN 1154, supplementary sheet 1 - Pre-assembled component modules for quick and easy installation - Can be used for left and right handed doors for standard mounting on hinge side - For doors with a door width up to 1400 mm
Trade	
User	- The door can be closed safely and silently - Minimized danger of fingers being crushed when the door closes - Optional: Tamper protection to prevent blocking of functional elements

Our service for you: here you can see the individual advantages of our door closer models for your respective field of business.

You can find the complete specification on the internet at: www.assaabloy.de

Specifications DC700G-CM

ASSA ABLOY door closer with Cam-Motion® technology, extended mounting plate and integrated Close-Motion® element; guide rail with Close-Motion® control curve.

- Closing power adjustable, EN size 3-6, for doors up to 1400 mm wide
- Door closer DC700 tested in accordance with DIN EN 1154, with CE mark
- Closing speed, latching speed and backcheck continuously adjustable
- 14 mm height adjustable arm system for ease of fitting
- Suitable for fire and smoke protection doors
- Suitable for left and right handed doors
- Close-Motion® element horizontal (± 6mm) and vertical (± 5 mm) adjustable

Accessories:

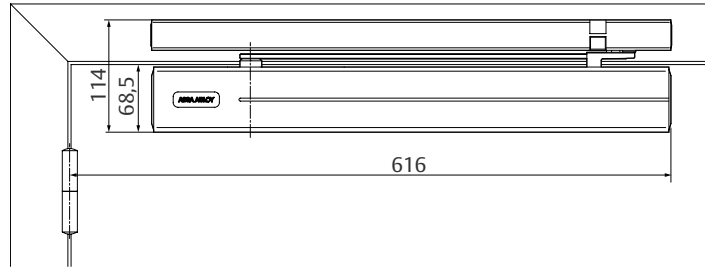
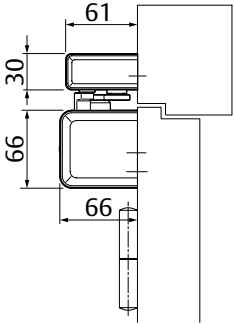
- Mounting plate A131
- Mechanical opening damper A188
- Mech. hold-open device A158 (not for fire and smoke protection doors)
- Tamper protection M220 / M225
- Adapter plate A230 / A240 / A250 / A260

Colour:

- Silver EV1
- Stainless steel design

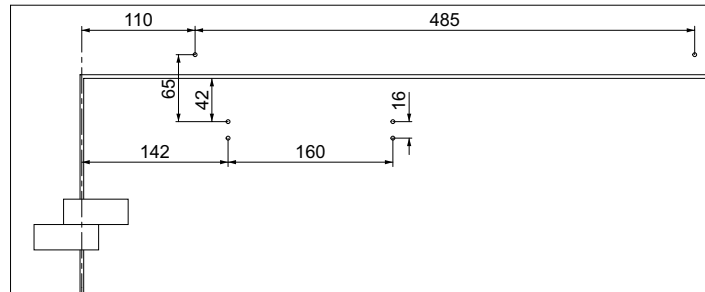
DC700G-CM

Dimensional drawings and accessories



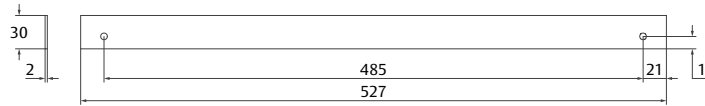
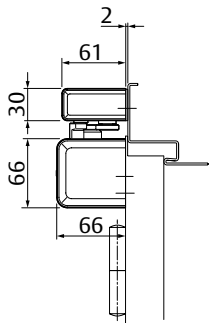
Space required on doors
for standard installation
on hinge side

Left handed door shown
in diagram
Right handed door is the
reverse



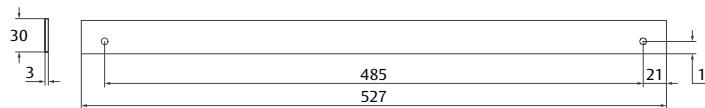
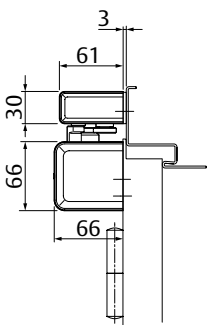
Installation dimensi-
ons for direct standard
mounting on hinge side

Right handed door
shown in diagram
Left handed door is the
reverse



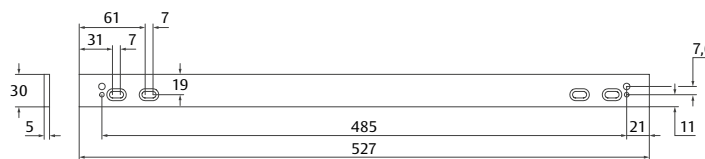
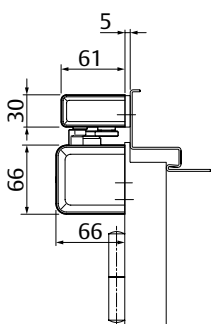
Adapter plate A230 /
2 mm

For mounting the guide
rail to rabated doors
Combination with A240,
A250, A260 possible



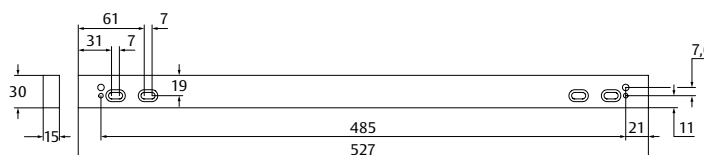
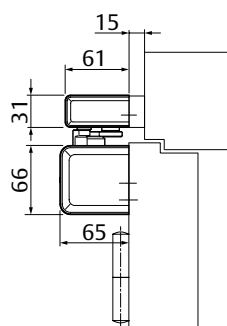
Adapter plate A240 /
3 mm

For mounting the guide
rail to rabated doors
Combination with A230,
A250, A260 possible



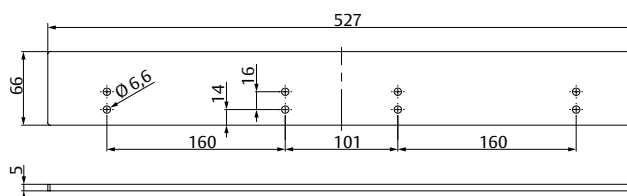
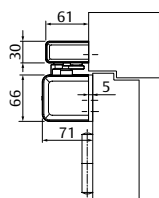
Adapter plate A250 /
5 mm

For mounting the guide
rail to rabated doors
Combination with A230,
A240, A260 possible

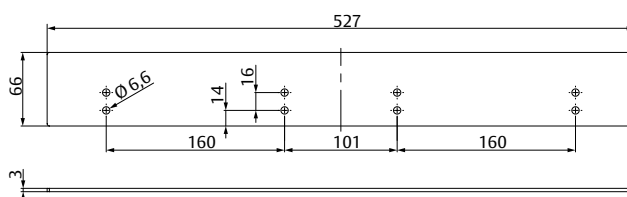
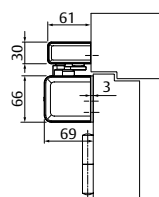


Adapter plate A260 / 15 mm

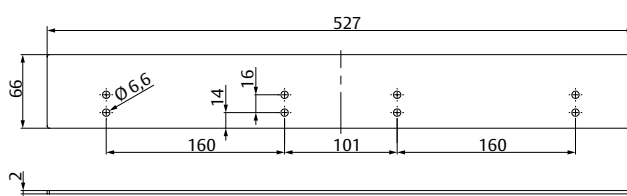
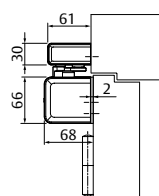
For mounting the guide rail to rabated doors
Combination with A230, A240, A250 possible



Adapter plate A275 5 mm



Adapter plate A276 3 mm



Adapter plate A277 2 mm

Mechanical Hold-Open Device A158

Mechanical hold-open device for temporarily holding doors open
Doors held open at an opening angle of 130° hinge side
Continuously adjustable holding force
Not approved for use on fire and smoke protection doors



Opening damper A188

Helps to prevent the door and door handle from hitting a return wall.
Simple installation in the guide rail, but doesn't replace the need for a door stop



Designation / Item	Order no.	Designation / Item	Order no.
DC700G-CM, EN size 3-6, silver EV1	DC700CM---DEV1-	Adapter plate A240, 3 mm, stainless steel	DCA240-----35--
DC700G-CM, EN size 3-6, stainless steel design	DC700CM---D35--	Adapter plate A250, 5 mm, silver EV1	DCA250-----EV1-
Guide rail G150, silver EV1	DCG150----DEV1-	Adapter plate A260, 15 mm, silver EV1	DCA260-----EV1-
Guide rail G150, stainless steel	DCG150----D35--	Adapter plate A275, 5 mm, silver EV1	DCA275-----EV1-
Mounting plate A131, silver EV1	DCA131-----EV1-	Adapter plate A276, 3 mm, silver EV1	DCA276-----EV1-
Tamper protection M220, galvanized	DCM220-----40	Adapter plate A277, 2 mm, silver EV1	DCA277-----EV1-
Tamper protection M225, galvanized	DCM225-----40	Mechanical Hold-Open Device A158	DCA158-----
Adapter plate A230, 2 mm, stainless steel	DCA230-----35--	Opening damper A188	DCA188-----

Security technology must function and must look good

With its long-established IKON and effeff brands, ASSA ABLOY Sicherheitstechnik GmbH offers products and solutions featuring high quality and superior design. The company constantly develops new, inno-

vative security technology for the residential sector, small firms, large companies and multinationals based on its decades of experience and extensive know-how.



Mechanical locking cylinders

Locking cylinders are the key component in a secure locking system and are the core expertise of ASSA ABLOY IKON's product brand. Products on offer include a wide range of models for doors and windows in houses, company buildings and on other premises.

IKON locking cylinders are certified to current security standards and provide maximum protection against break-ins.

The patented profiles are based on IKON's decades of expertise in precision mechanics and are effectively equipped to provide protection against customary break-in and tampering techniques.

- Individual locks
- Locking systems



Mechatronic locking cylinders

Mechanical and electronic components in locking cylinders and keys provide double the protection in mechatronic locking systems. CLIQ technology enables access authorisations to be customised for each individual key – no need for wiring, just plug and play.

Easy reprogramming enables systems to be adjusted to new organisational structures at an extremely low cost; lost keys are simply eliminated from the system without the need to replace cylinders. CLIQ technology is a highly efficient, highly intelligent locking system for companies, institutions and organisations suitable for all door types and almost all cylinder types.

- Locking systems



Access control

Whether it's a question of main or side entrances, strong rooms, development departments or laboratories, there are certain areas in buildings which need to be locked at all times. Access control systems regulate access to protected areas effectively, limiting entry to authorised groups of people without needlessly disrupting their day-to-day business. A straightforward solution for greater security, effeff access control systems protect and control buildings, individual rooms or other security-relevant areas. We offer an ex-

tensive range of different technologies, devices and systems, tailored to respective, specific security requirements. effeff access control systems satisfy our customers' individual requirements in residential buildings, public buildings, the health sector, leisure facilities, administrative buildings, industrial facilities and production plants.

- Access control fittings
- Access control systems



Door closers

Door closers ensure fire doors function as they should along escape routes. The closing function also constitutes an important security feature for outside doors. ASSA ABLOY offers a highly effective system solution for automatic door closing in its product range. The modular system structure provides a whole range of model variations in identical housing, thus ensuring a uniform design. Lock bodies, engineering components and accessories can be combined with one another as required.

ASSA ABLOY door closers offer easy access thanks to perfectly adjusted closing and opening forces. They can be mounted on all sides of doors and are particularly easy to adjust.

- Top-mounted door closers
- Concealed door closers
- Security door closers

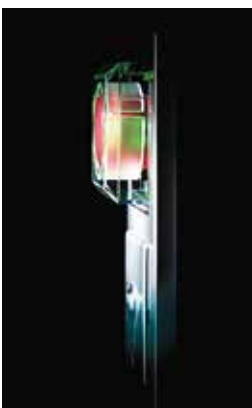


Electric strikes

Electric door strikes allow you to unlock a door at the push of a button – without needing to go to the actual door yourself. effeff electric strikes offer high standards of security and convenience with a suitable electric strike for every installation location. This we can guarantee worldwide as effeff takes both national and international rules and regulations into account. effeff impresses with its certified and security electric strikes thanks to its sophisticated solutions for smoke protection doors, fire doors and other doors along

escape routes. Our wide range for high-security areas provides solutions for glass doors, sliding doors and clean room doors as well as for doors in explosion-prone areas or interlock systems.

- Standard electric strikes
- Smoke and fire protection electric strikes
- Escape door strikes
- Special electric strikes
- Accessories



Escape route technology

effeff's escape route systems fully comply with requirements for uncompromising personal safety and maximum protection for property. Trust in effeff's know-how and reliability in emergency situations. Our escape route systems guarantee safe operation of escape route doors, regardless of whether the door is automatically locked or only used under authorisation. Safer use of escape routes is assured at all times in the event of an emergency.

effeff electric escape door control systems guarantee protection and safety in places such as department stores, schools, kindergartens, office buildings, airports and exhibition halls.

We also supply ideal solutions for specific uses such as restricted areas in hospitals.

- Escape door locking system
- Escape door monitoring



MEDIATOR®

Entrance doors to apartment buildings – an issue which is always causing problems. Some people always lock the door, others never do.

With MEDIATOR®, ASSA ABLOY Sicherheitstechnik now offers a simple, yet brilliant solution:

This innovative system ensures doors always lock automatically as soon as they close due to the self-locking escape door lock and an effeff linear electric strike.

The door can also be opened for visitors from inside apartments using the electric strike.

MEDIATOR® can do much more than this, however.

It also ensures doors can be opened from the inside at any time using the door handle, even when doors are locked.

This means everyone can leave the building in the event of an emergency, whether they have a key or not. Apartment block entrance doors can be retrofitted with MEDIATOR® quickly and easily at a very reasonable price.

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

ASSA ABLOY
Opening Solutions

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