



Security Door Closer Safe and secure by design

ASSA ABLOY Door Controls

ASSA ABLOY
Opening Solutions

The global leader in
door opening solutions

The challenge:

How can you upgrade doors in your building while preserving fire safety certification?

Buildings evolve. A new occupant can mean a new internal layout, and different users might want to upgrade yesterday's buildings to today's technology: Integrating features into a building management system, improving access control and security – needing an upgrade to intelligent door controls.

As a result, buildings need to be flexible, and the challenge is balancing these new requirements while maintaining security, escape routes and fire door safety.

But a wrongly drilled hole in a fire door can invalidate a building's fire safety certification. Recertification is not the time-consuming and costly road the building owner wants to take.



Fire doors must close on their own and are therefore normally fitted with common door closers.



The solution:
Look no further than the Security Door Closer

The versatile, sleek, all-in-one access control and escape route solution is an innovative combination of Cam-Motion® technology and an escape door strike.

When you need a door to close and lock securely as people exit a building, or to open automatically as part of a fire escape system, the Security Door Closer is the perfect solution.

It can be easily integrated into a building management system (BMS) or monitored from a central display and operator panel. The door can be unlocked at any time by the BMS, a key, timer, a wall-mounted switch or access control system.

For fire door applications, the Security Door Closer connects to the building's fire alarm system so that when the fire alarm is activated, the door unlocks to assure an emergency exit route.

For access control, smooth opening and reliable closing are assured by Cam-Motion® technology, with convenient, secure locking provided by the integrated electric strike.

Easy to install by design and simple to retrofit, the existing door closer and guide rail is removed and replaced with the Security Door Closer in the same fixing position. It fulfils the requirements specified by EN 1154 for retrofitting a guide-rail door closer onto fire doors, eliminating the need for recertification or replacement of the entire door and frame.

Security Door Closer in. Risk out.
The perfect solution to fire and secure door closing challenges.

Advantages at a glance
Security Door Closer technology

- 1

Offers reliable closing and secure locking.
- 2

Can be controlled by BMS, access system, timer or simple key.
- 3

Is suitable for fire escape doors.
- 4

Connects to fire control systems with fail safe function.
- 5

Can be retrofitted to fire doors.
- 6

Does not affect fire safety certification.
- 7

Available for hinge and non-hinge side applications.
- 8

Available for single and double leaf doors.



Designed to enhance your specification...

...the latest evolution that works
with your architectural vision

Subtle contrast

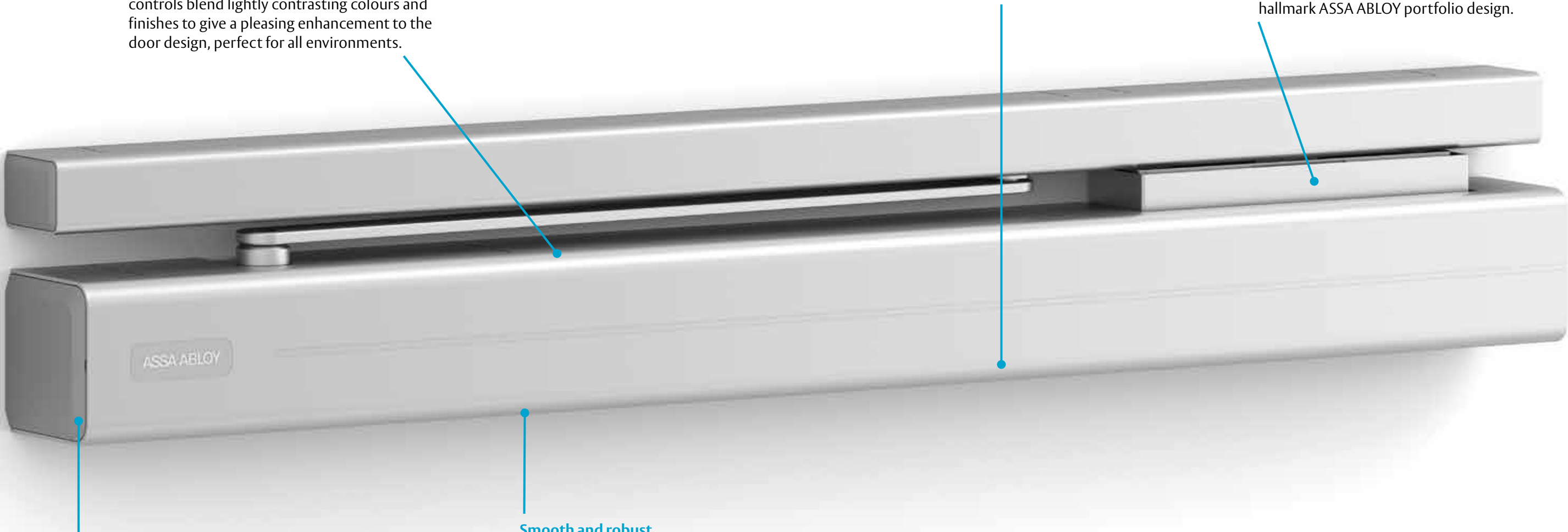
Sophisticated and sleek, ASSA ABLOY door controls blend lightly contrasting colours and finishes to give a pleasing enhancement to the door design, perfect for all environments.

Definition and continuity

Strong lines combined with light metallic finishes make a powerful statement. The hallmark horizontal groove provides recognisable continuity from model to model.

Safer by design

The security door closer integrates the electric strike unobtrusively into the guide rail, with the latch bolt housed in the stainless steel mounting plate, ensuring that its extra features do not detract from the hallmark ASSA ABLOY portfolio design.



Distinctive and modern

Contemporary in appearance, with neat chamfered edges that exude quality and robustness.

Smooth and robust

A distinct yet unobtrusive appearance achieved with soft angles and a double radius.

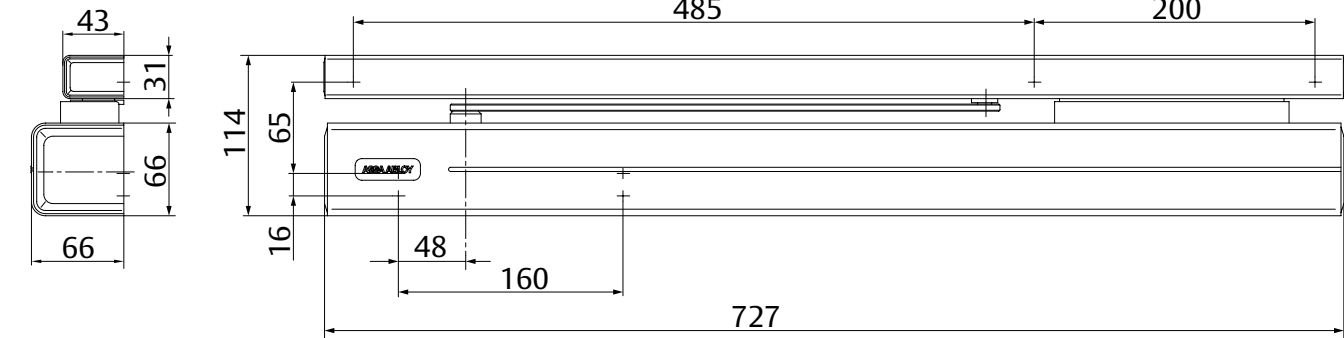
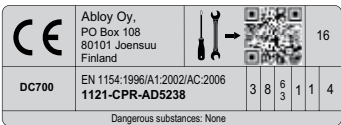
Built to the highest standards of quality and compliance, the Security Door Closer offers unique user comfort in an aesthetically pleasing design, and delivers a tailored door control solution to match your needs.



The ASSA ABLOY door control range is a 2018 winner of an Iconic Award for Innovative Architecture – the Iconic Awards are an annual international architecture and design competition established by the German Design Council.

DC700G-FT

Security door closer with Cam-Motion® technology,
integrated latch bolt and escape door strike



Characteristics of escape door locking system

- Holding force of 2000 N
- Latch position continuously adjustable between 12 mm and 17 mm
- Latch position adjustable horizontally between -3 mm and +6 mm
- Latch bolt can be adjusted vertically in 4 mm increments (-4/ 0/ +4/ +8)
- Escape door strike using FaFix®, adjustable by 2 mm (0.5 mm steps)

ASSA ABLOY DC700G-FT

- ASSA ABLOY door closer with Cam-Motion® technology, extended mounting plate and integrated latch bolt, extended guide rail with integrated escape door strike
- Suitable for retrofit to fire doors with guide rail door closers and fastening using drilling template acc. to DIN EN 1154, Supplementary Sheet 1:2003-11
- Suitable for fire and smoke protection doors
- Certified in compliance with EN 1154, size 3-6
- Escape door strike 332®, tested in compliance with the guideline for electrical locking systems for doors along escape routes
- For single leaf doors, doors between 850 - 1200 mm wide

Characteristic of DC700G-FT

- Integrated escape door strike 332® in extended guide rail
- Integrated latch bolt 807 on extended mounting plate
- Supplied with 4 m connecting cable
- Flush or surface installation of wiring possible
- Suitable for fire and smoke protection doors
- Suitable for left and right handed doors
- Standard installation on hinge side
- Variable adjustable closing force
- Closing speed, latching speed and backcheck continuously adjustable
- Thermodynamic valves for consistent performance
- 14mm height adjustable arm system for ease of fitting
- Standard colours: silver EV1, stainless steel

Characteristics of guide rail

- Height-adjustable by 2 mm for tolerance
- Concealed fastening screws

DC700G-FT

Technical attributes

Technical attributes	
Closing force	EN 3-6
Door width up to	850 - 1200 mm
Suitable for fire doors	Yes
Handing	Left / right handed
Mounting method	Standard installation on hinge side
Closing speed	Variable between 170°-15°
Latching speed	Variable between 15°-0°
Operating temperature range	-15 °C to +40 °C
Backcheck	Variable above 75°
Max. door opening angle hinge side	ca. 170°
Weight	8.2 kg
Dimension body	727 x 66 x 66 mm
Dimension guide rail	727 x 30 x 43.5 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes
Escape door strike	
Holding force	2000 N
Rated voltage	12 V DC / 24 V DC
Rated current	190 mA / 12 V; 95 mA / 24 V
Rated operational voltage tolerance	+/- 10 %
Anchor contact	Yes
Certified in compliance with	EltVTR
Approved system in compliance with EltVTR	Escape route controller

ASSA ABLOY DC700G-FT

- ASSA ABLOY door closer with Cam-Motion® technology; extended mounting plate and integrated latch bolt, guide rail with integrated effeff escape door strike 332®, 24V DC.
- Closing force continuously adjustable, EN size 3-6
 - Door closer approved in line with EN 1154, with CE mark
 - Escape door strike tested in compliance with the guideline for electrical locking systems for doors along escape routes
 - Closing speed, latching speed and backcheck continuously adjustable
 - Suitable for fire and smoke protection doors
 - Recommended door width: at least 850 mm - max. 1200 mm
 - Latch position continuously adjustable between 12 mm and 17 mm
 - Latch position adjustable horizontally between -3 mm and +6 mm
 - Latch bolt can be adjusted vertically in 4 mm increments (-4/ 0/ +4/ +8)
 - Escape door strike using FaFix®, adjustable by 2 mm
 - Suitable for left and right handed doors
 - Standard installation on hinge side

Accessories:

- ☐ 5 mm Spacer Plate (narrow rebate) DCFA01
- ☐ 15 mm Spacer Plate (wide rebate) DCFA02
- ☐ Replacement plate, 5 mm, for Drilling Template DCFA03
- ☐ Replacement plate, 15 mm, for External Drilling Template DCFA04
- ☐ Mounting / replacement plate, 5 mm, for Narrow Frame DCFA05
- ☐ Mounting / replacement plate, 15 mm, for Narrow Frame DCFA06
- ☐ Mechanical opening damper A188

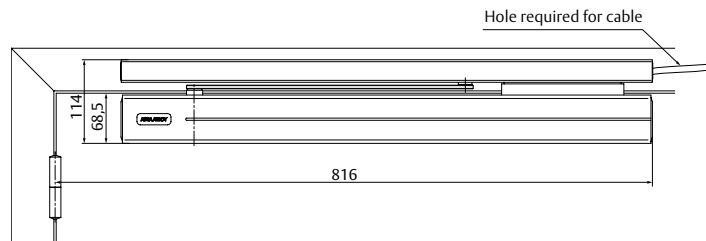
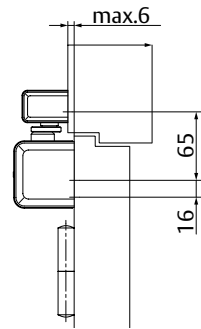
Colour:

- ☐ Silver EV1
- ☐ Stainless steel

You can find the complete specification on the internet at: www.assaabloy.co.uk/doorclosers

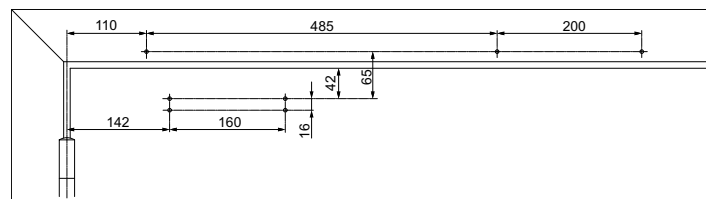
DC700G-FT

Dimensional drawings and accessories



Space required on doors
for standard mounting on
hinge side

Left handed shown in
diagram
Right handed is the reverse



Installation dimensions in compliance with EN 1154
Supplementary Sheet 1;
standard hinge-side mounting

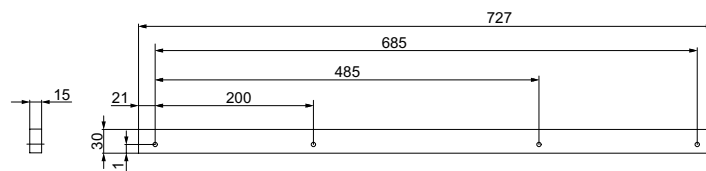
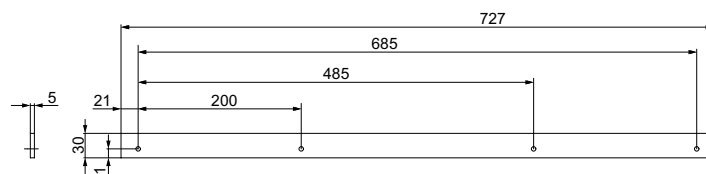
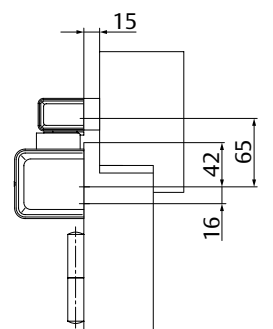
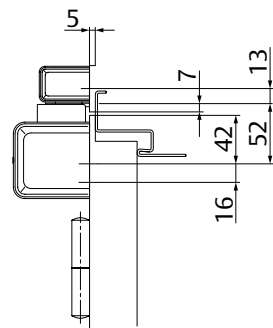
Left handed shown in
diagram
Right handed is the reverse

Notice

The positions of the locking components on the guide rail and mounting plate are designed in such a way that escape door strikes and latch bolt are correctly aligned when installed in a flush position (flush-fitted doors).

Adjustment option on electric strike (FaFix®) of ± 1 mm and latch bolt lock of $\pm 6/3$ mm mean that smaller differences in measurements can be compensated for.

In the case of doors with an overlapping door leaf (narrow or wide rebate), the following spacer plates must be used to ensure that the guide rail and mounting plate are in a flush position when on top of one another.



Spacer Plate DCFA01

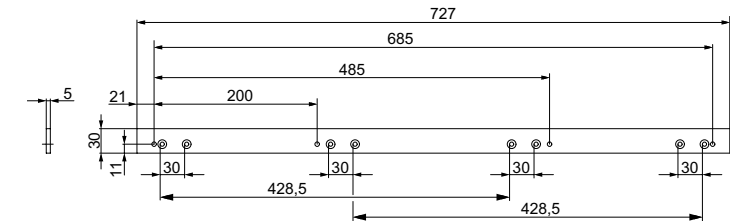
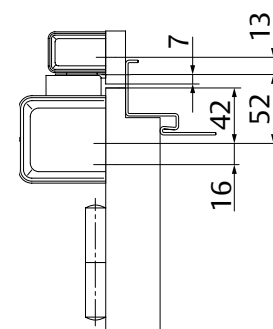
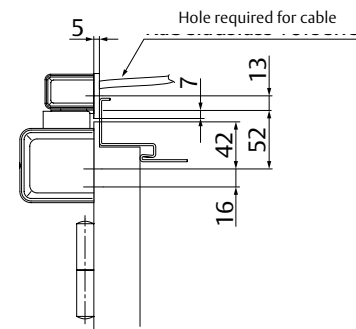
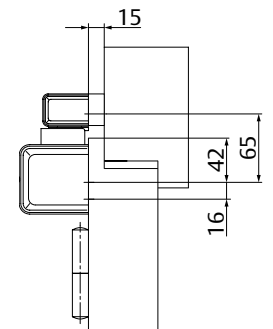
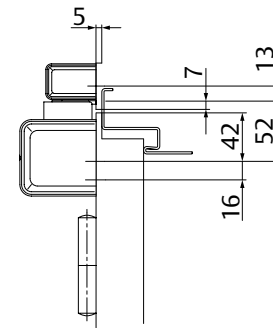
For shiming guide rails over ASSA ABLOY drilling pattern. For use on narrow-rebate doors with a max. door leaf overlap of 8 mm.

Spacer Plate DCFA02

For shimming guide rails over ASSA ABLOY drilling pattern. For use on wide-rebate doors with a max. door leaf overlap of 18 mm.

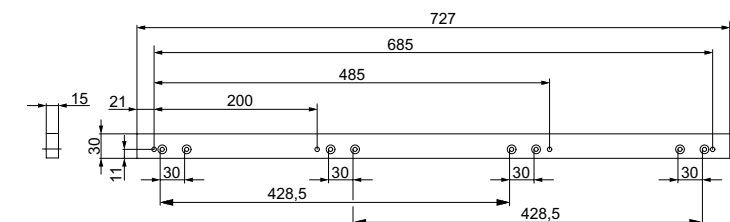
DC700G-FT

Accessories



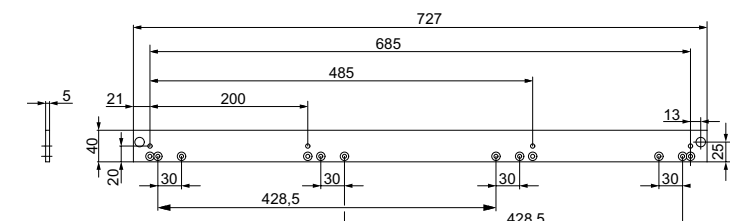
Replacement Plate DCFA03

For mounting guide rail over existing drill holes, for flush-fit doors and narrow rebate doors with door leaf overlap up to 8 mm.



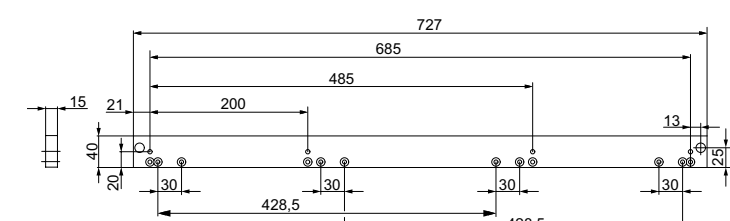
Replacement Plate DCFA04

For mounting guide rail over existing drilling pattern, for wide-rebate doors with door leaf overlap up to 18 mm.



Mounting and Replacement Plate DCFA05

Mounting plate for narrow frames. For mounting over ASSA ABLOY drilling pattern and over existing drill holes when the guide rail is replaced. For use on narrow-rebate doors with a max. door leaf overlap of 8 mm



Mounting and Replacement Plate DCFA06

Mounting plate for narrow frames. For mounting over ASSA ABLOY drilling pattern and over existing drill holes when the guide rail is replaced. For use on wide-rebate doors with a max. door leaf overlap of 18 mm.

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



DC700G-FT BGS

Door closer with Cam-Motion® technology, incorporating integrated escape door strike, non-hinge side

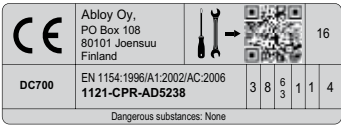


ASSA ABLOY DC700G-FT BGS

- Door closer with Cam-Motion® technology, incorporating extended mounting plate and integrated escape strike within extended guide rail. Mounting position non-hinge side
- Suitable for retrofitting on electrical locking device on doors without fire and smoke protection.
- Certified in compliance with EN 1154, size 3-6
- Escape door strike 332®, tested in compliance with the guideline for electrical locking systems for doors along escape routes
- For single leaf doors, doors between 850 - 1200 mm wide

Characteristic of DC700G-FT BGS

- Integrated escape door strike 332® in extended guide rail
- Integrated latch bolt 807 on extended mounting plate
- Supplied with 4 m connecting cable
- Flush or surface installation of wiring possible
- Suitable for left and right handed doors
- Standard installation on non-hinge side
- Variable adjustable closing force
- Closing speed, latching speed and backcheck continuously adjustable
- Thermodynamic valves for consistent performance
- 14mm height adjustable arm system for ease of fitting
- Standard colours: silver EV1, stainless steel

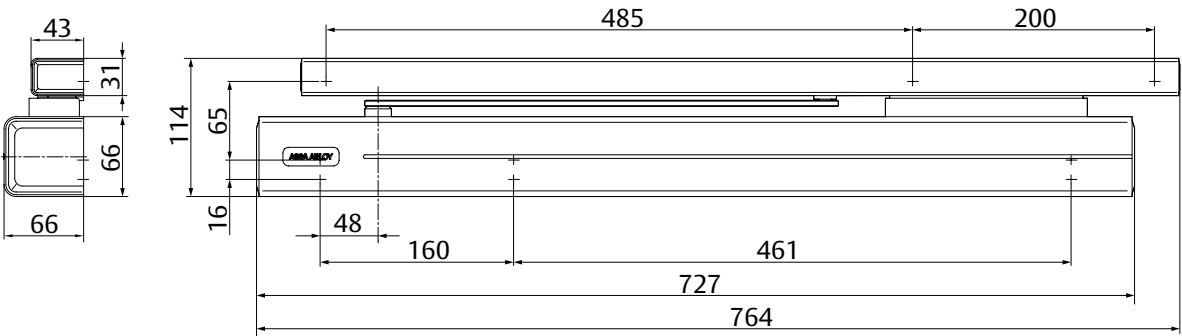


Characteristics of escape door locking system

- Holding force of 2000 N
- Latch position continuously adjustable between 12 mm and 17 mm
- Latch position adjustable horizontally between -3 mm and +6 mm
- Latch bolt can be adjusted vertically in 4 mm increments (-4/ 0/ +4/ +8)
- Escape door strike using FaFix®, adjustable by 2 mm (0.5 mm steps)

Characteristics of guide rail

- Height-adjustable by 2 mm for tolerance
- Concealed fastening screws



DC700G-FT BGS

Technical attributes

Technical attributes	
Closing force	EN 3-6
Door width up to	1200 mm
Handing	Left / right handed
Mounting method	Standard installation on non-hinge side
Closing speed	Variable between 120°-15°
Latching speed	Variable between 15°-0°
Operating temperature range	-15 °C to +40 °C
Backcheck	Variable above 75°
Max. door opening angle non-hinge side	Ca. 120°
Weight	8.2 kg
Dimension body	727 x 66 x 66 mm
Dimension guide rail	727 x 30 x 43.5 mm
Certified in compliance with	EN 1154
CE marking for building products	Yes
Escape door strike	
Holding force	2000 N
Rated voltage	12 V DC / 24 V DC
Rated current	190 mA / 12 V; 95 mA / 24 V
Rated operational voltage tolerance	+/- 10 %
Anchor contact	not potential-free
Recovery diode	Yes
Certified in compliance with	EltVTR
Approved system in compliance with EltVTR	Escape route controller

You can find the complete specification on the internet at: www.assaabloy.co.uk/doorclosers

ASSA ABLOY DC700G-FT BGS

ASSA ABLOY door closer with Cam-Motion® technology; extended mounting plate and integrated latch bolt, guide rail with integrated effeff escape door strike 332®, 24V DC.

- Closing force continuously adjustable, EN size 3-6
- Door closer approved in line with EN 1154, with CE mark
- Escape door strike tested in compliance with the guideline for electrical locking systems for doors along escape routes
- Closing speed, latching speed and backcheck continuously adjustable
- Recommended door width: at least 850 mm - max. 1200 mm
- Latch position continuously adjustable between 12 mm and 17 mm
- Latch position adjustable horizontally between -3 mm and +6 mm
- Latch bolt can be adjusted vertically in 4 mm increments (-4/ 0/ +4/ +8)
- Escape door strike using FaFix®, adjustable by 2 mm
- Suitable for left and right handed doors
- Standard installation on non-hinge side
- 14 mm height adjustable arm system for ease of fitting

Accessories:

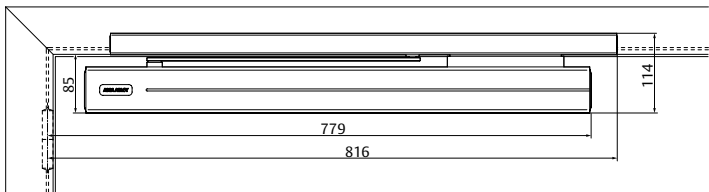
- ☐ Replacement plate DCFA08
- ☐ Mounting / replacement plate for Narrow Frame DCFA09
- ☐ Mechanical opening damper A188

Colour:

- ☐ Silver EV1
- ☐ Stainless steel

DC700G-FT BGS

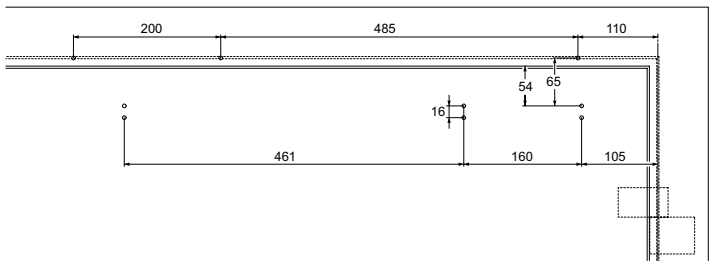
Dimensional drawings



Space required on doors
for standard mounting on
non-hinge side

Left handed shown in
diagram

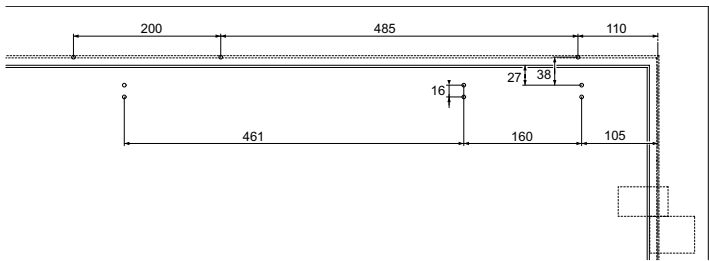
Right handed is the reverse



Fitting dimensions
standard installation on
non-hinge side

Right handed shown in
diagram

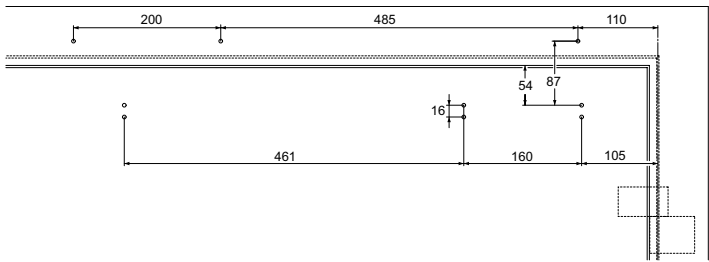
Left handed is the reverse



Fitting dimensions after
standard installation
on non-hinge side with
narrow door frame

Right handed shown in
diagram

Left handed is the reverse



Fitting dimensions
standard installation
on non-hinge side with
mounting plate for narrow
frame

Right handed shown in
diagram

Left handed is the reverse

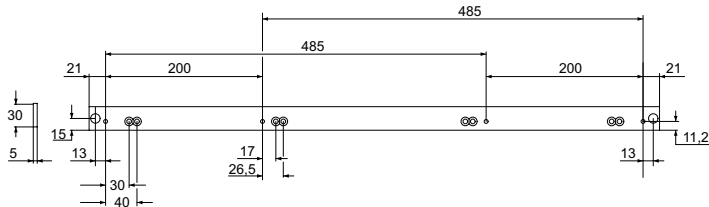
Notice

The positions of the locking components on the guide rail and mounting plate are designed in such a way that escape door strikes and latch bolt are correctly aligned when installed in a flush position (flush-fitted doors).

Adjustment option on electric strike (FaFix®) of +/- 1 mm and latch bolt lock of +6/-3 mm mean that smaller differences in measurements can be compensated for.

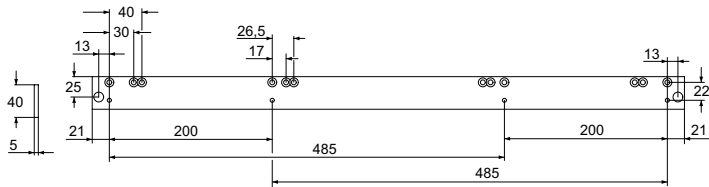
DC700G-FT BGS

Accessories and order placement information



Replacement plate
DCFA08

For mounting guide rail
over existing drilling
template for flush-fitted
doors.



Mounting and
Replacement Plate
DCFA09

Mounting plate for narrow
frames or metal frame
profiles.

For mounting on the ASSA
ABLOY drilling template
and an existing drilling
template

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



Order placement information DC700G-FT

Designation / Item	Order no.
Security Door Closer Model DC700G-FT, non-hinge side, complete, 24V DC, silver EV1	DC 7 0 0 FT 1 - F D E V 1 -
Security Door Closer Model DC700G-FT, non-hinge side, complete, 24V DC, stainless steel, ASSA ABLOY design	DC 7 0 0 FT 1 - F D 3 5 - -
Security Door Closer Model DC700G-FT, non-hinge side, complete, 12V DC, silver EV1	DC 7 0 0 FT 1 - E D E V 1 -
Security Door Closer Model DC700G-FT, non-hinge side, complete, 12V DC, stainless steel, ASSA ABLOY design	DC 7 0 0 FT 1 - E D 3 5 - -
Replacement plate DCFA08, silver EV1	DC FA 0 8 - - - - E V 1 -
Mounting and replacement plate DCFA09, silver EV1	DC FA 0 9 - - - - E V 1 -
Opening damper A188	DC A 1 8 8 - - - - - - - -

Order placement information DC700G-FT BGS

Designation / Item	Order no.
Security Door Closer Model DC700G-FT, complete, 24V DC, silver EV1	DC 7 0 0 FT 0 - F D E V 1 -
Security Door Closer Model DC700G-FT, complete, 24V DC, stainless steel, ASSA ABLOY design	DC 7 0 0 FT 0 - F D 3 5 - -
Security Door Closer Model DC700G-FT, complete, 12V DC, silver EV1	DC 7 0 0 FT 0 - E D E V 1 -
Security Door Closer Model DC700G-FT, complete, 12V DC, stainless steel, ASSA ABLOY design	DC 7 0 0 FT 0 - E D 3 5 - -
Spacer plate 5 mm for narrow-rebate doors, silver EV1	DC FA 0 1 - - - - - E V 1 -
Spacer plate 15 mm for wide-rebate doors, silver EV1	DC FA 0 2 - - - - - E V 1 -
Spacer plate 5 mm for competitor's guide rail drilling template, silver EV1	DC FA 0 3 - - - - - E V 1 -
Spacer plate 15 mm for guide rail drilling template, silver EV1	DC FA 0 4 - - - - - E V 1 -
Mounting / replacement plate, 5 mm, for narrow frame, silver EV1	DC FA 0 5 - - - - - E V 1 -
Mounting / replacement plate, 15 mm, for narrow frame, silver EV1	DC FA 0 6 - - - - - E V 1 -
Opening damper A188	DC A 1 8 8 - - - - - - - -

ASSA ABLOY is the global
leader in door opening solutions,
dedicated to satisfying
end-user needs for security,
safety and convenience

ASSA ABLOY

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