

DC700G- S

With smoke detector and electromechanical hold-open device, for single-leaf doors up to size EN 6 (1400 mm)

Door closer with Cam-Motion® technology with electro-mechanical hold-open device and smoke detector

Product description

- Door closer with Cam-Motion® technology with electro-mechanical hold-open device and smoke detector for single-leaf doors, approval Z-6.500-2364
- Smoke switch with contamination indicator and alarm threshold monitoring
- Integrated 230 V AC power supply
- All components fully integrated into guide rail
- Barrier-free in accordance with DIN18040 for door width up to max. 1250mm
- Meets the requirements of DIN SPEC 1104 / CEN15894
- Suitable for fire and smoke protection doors up to 1400 mm wide

Overview of Advantages

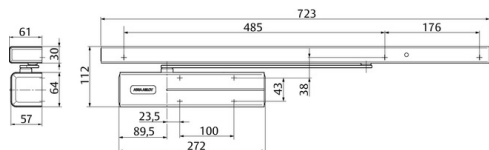
- Optical smoke detector after scattered light principle
- Status displayed on LED: operational mode, alarm, maintenance
- Integrated potential-free alarm relay
- Can be activated by a fire alarm system
- Connectivity for manual release buttons and ceiling smoke detectors
- Electro-mechanical hold-open device
- Continuously adjustable holding force
- Traversable hold-open device, continuously adjustable between ca. 80°-130°
- Can be used for left and right-handed doors
- Standard installation types on the hinge and non-hinge side
- Same drilling template as standard guide rails
- Axis continuously height adjustable up to 14 mm
- Closing speed, latching speed and backcheck adjustable via front facing regulating valves
- Variable adjustable closing force
- Thermodynamic valves for consistent performance
- Effective backcheck and latching speed range adjustable
- Optional mounting plate, suitable for fire and smoke protection doors
- Entry-point in surface- and flush-mounted
- Standard colours: silver EV1, white similar to RAL9016, stainless steel design
- Customised finishes available on request

Note

- Guide rail G-S
- Facts for door closer see DC700

Accessories/Individual parts

- DC700-----DEV1- (Order number:)
- DC700-----D9016 (Order number:)
- DC700-----D35-- (Order number:)
- DC700-----DXXXX (Order number:)
- DC710-----DEV1- (Order number:)
- DC710-----D9016 (Order number:)
- DC710-----D35-- (Order number:)
- DC710-----DXXXX (Order number:)
- DCA120-----40 (Order number:)
- DCA132-----EV1- (Order number:)
- DCA132-----9016 (Order number:)
- DCA132-----XXXX (Order number:)
- DCA135-----EV1- (Order number:)
- DCA188----- (Order number:)
- 1316-10-----00 (Order number:)
- 1317-10-----00 (Order number:)
- DCRZ101-----9010 (Order number:)
- DCRZ101AT--9010 (Order number:)



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The advantages at a glance

Customer segment	Advantages
Project planners	Extensive range of uses: Fire and smoke protection doors as well as standard doors Modern design Compact design
Builders	One drilling template overall Adjustable to nearly all door and frame types Pre-assembled component modules for quick installation Quickly and easily adjustable Suitable for left and right hand doors for standard mounting on hinge and non-hinge side Integrated functions test button
Trade	Reduced inventory costs due to modular product range One single product suitable for a large variety of mounting positions One single product for both, hinge and non-hinge side
User	Automatic alarm reset

Technical data

Rated current consumption	ca. 75 mA
Required power supply	230 V supply voltage
Continuous duty	100%
Class of protection	IP 20
Suitable for fire doors	Yes
General technical approval as Arrester system	Z-6.500-2364
Certified in compliance with	EN 1155
CE marking for building products	Yes
Length	723 mm
Height	30 mm
Depth	61 mm
Weight	1.5 kg

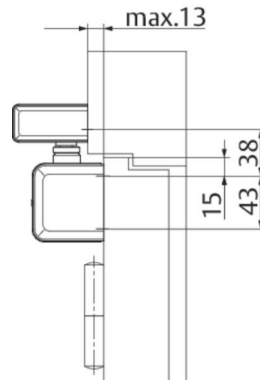
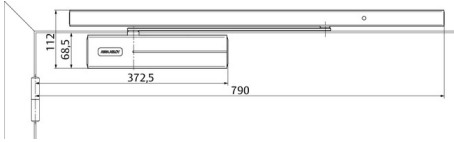
Variants that can be ordered

Order number	Description
DCG-10-31NDEV1-	With smoke coordinator, electric hold-open device, silver EV1
DCG-10-31ND9016	With smoke detector, electric hold-open device, white, similar to RAL9016
DCG-10-31ND35--	With smoke detector, electric hold-open device, stainless steel design
DCG-10-31NDXXXX	With smoke detector, electric hold-open device, customised finish

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[view construction](#)

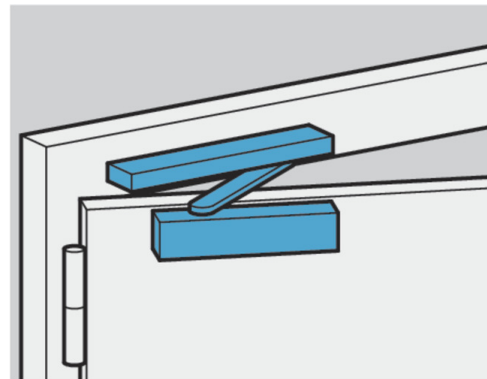
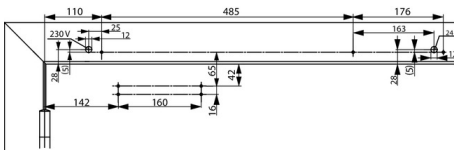
Required space on doors



Left handed shown in diagram

Right handed is the reverse

Installation dimensions with mounting plate for standard mounting on hinge side



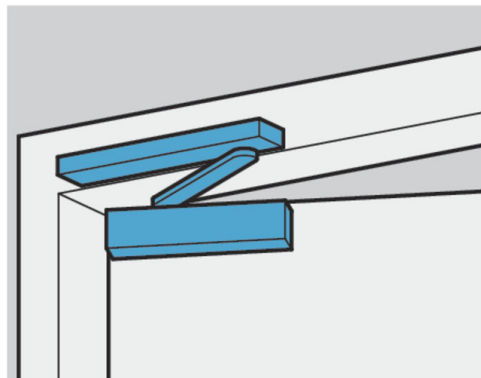
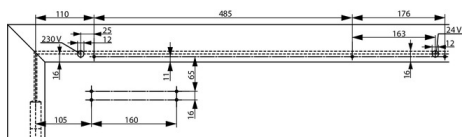
In compliance with EN 1154, Supplement 1, or for doors where direct mounting is not possible.

Left handed shown in diagram

Right handed is the reverse

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Installation dimensions with mounting plate for standard mounting non hinge side

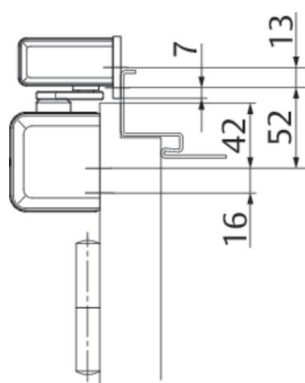
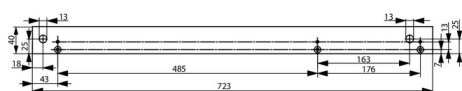


For doors where direct mounting is not possible

Right handed door shown in diagram

Left handed door is the reverse

Mounting plate A132



For mounting plate G-S

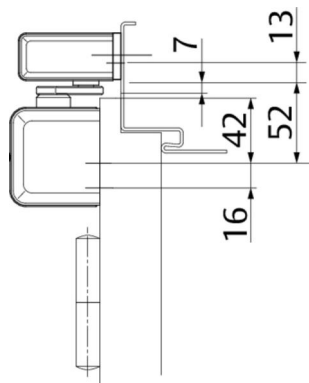
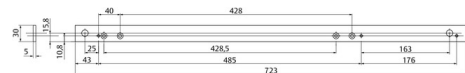
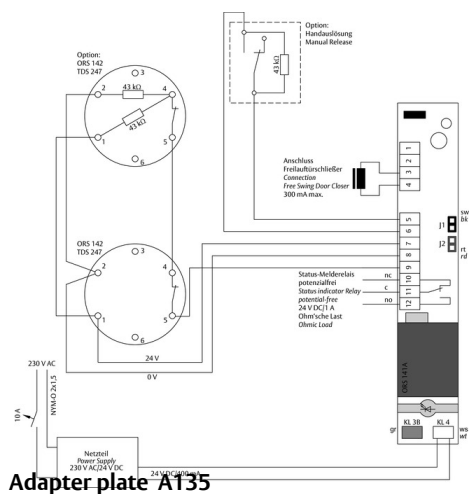
Opening damper A188

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

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Wiring diagram



For guide rail G-S/ G-FMS for competitor drilling templates