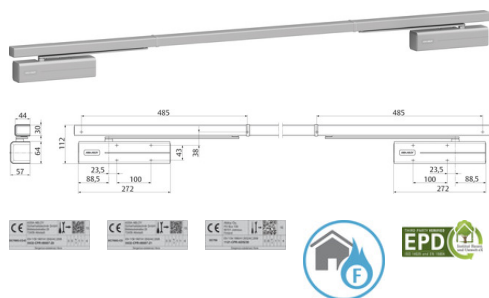


Door closer with Cam-Motion® technology with electro-mechanical hold-open device and integrated mechanical door coordinator

Door closer with Cam-Motion® technology with electro-mechanical hold-open device and integrated mechanical door coordinator



Product description

- Door closer with Cam-Motion® technology with electro-mechanical hold-open device and integrated mechanical door coordinator for double leaf doors
- Certified in compliance with EN 1155/1158, size 3-6
- Mechanical door coordinator in continuous guide rail
- Hold-open angle continuously adjustable between 80° and 130°
- Hold-open device is traversable
- All components fully integrated into continuous guide rail
- Fulfills barrier-free building requirements (CEN TR 15894)
- Suitable for fire and smoke protection doors with hinge distance up to 2800 mm
- DIBt approval with different smoke detection systems

Overview of Advantages

- Door coordinator based on wedge system
- Electro-mechanical hold-open device
- Continuously adjustable holding force
- Traversable hold-open device, continuously adjustable between ca. 80°-130°
- Flush or surface installation of wiring possible, 24 V DC
- Can be used for left and right-handed doors
- For standard mounting on hinge side
- Same drilling template as standard guide rails
- Guide rail height adjustable by 2 mm for tolerance
- 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
- Standard colours: silver EV1, white similar to RAL9016, stainless steel design
- Customised finishes available on request

Note

- Guide rail G-CO-E
- Facts for door closer see DC700

Accessories/Individual parts

- Mounting plate A160 For Guide Rails G-CO(-E) and G-CO-FM, doors up to 3200 mm wide, silver EV1 DCA160-----EV1-
- Opening damper A188 Opening damper A188 DCA188-----
- Smoke detector activation device RZ100 Silver EV1 DCRZ100---DEV1-
- Ceiling smoke detector RZ101 ORS142 with base, white DCRZ101----9010
- Arrester system door control unit 92020-10 Up to 650 mA for external devices 92020-10-----00
- Interrupter push-buttons 1317-10 With red actuating field; inscription "lock door"; flush-mounted 1317-10-----00
- Interrupter push-buttons 1316-10 With red actuator field; inscription "Tür schließen" (Close door); surface-mounted 1316-10-----00
- Smoke detector 60060 Optical smoke detector with base 60060-----00

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 Hold-open device is traversable Mechanical door coordinator for optimum functional reliability
Builders	One drilling template overall Simple, rapid installation and adjustment Can be used for left and right handed doors for standard mounting on hinge side Adjustable to nearly all door and frame types Optimum reliability and service life for door coordinator
Trade	Reduced inventory costs due to modular product range
User	Adjustable operating force, to meet door construction requirements and user need Optimum usage convenience thanks to controlled closing of door in correct order

Technical data

DC700G- CO- E

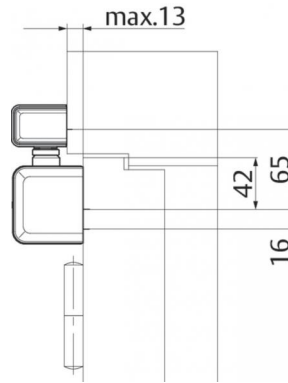
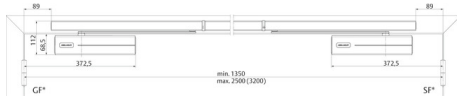
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Rated current consumption	2 x ca. 75 mA
Depth	44 mm
Required power supply	24 V DC
Continuous duty	100%
Class of protection	IP 43
Height	30 mm
Depth	40 mm
Length	Depending on overall door width
Suitable for fire doors	Yes
Certified in compliance with	EN 1155/1158
CE marking for building products	Yes
Color	Silver EV1
Net_weight	4,5 kg
Article number	DCG-21-22NDEV1-
EAN-Number	4042203690301

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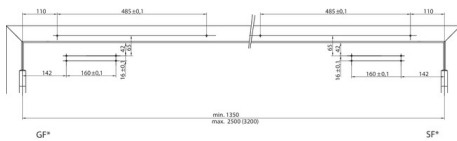
view construction

Required space on doors



Active leaf DIN left shown in the diagram
 Active leaf DIN right is the reverse
 SF* = Passive leaf
 GF* = Active leaf

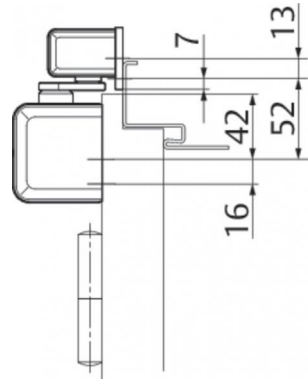
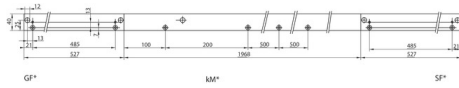
Installation dimensions



Active leaf DIN left shown in the diagram
 Active leaf DIN right is the reverse
 SF* = Passive leaf
 GF* = Active leaf

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Mounting Plate A160



SF* = Passive leaf

GF* = Active leaf

KM* = Middle section length can be shortened