

Door closer with Cam-Motion® technology, electromechanical hold-open device and integrated mechanical door selector; non-hinge side

Door closer with Cam-Motion® technology, electromechanical hold-open device and integrated mechanical door selector; non-hinge side

Product description

- Door closer with Cam Motion® technology with electromechanical hold-open mode and integrated mechanical door selector for two-leaf doors, non-hinge side
- Certified in compliance with EN 1155/1158, size 3-6
- Mechanical door coordinator in continuous guide rail
- Hold-open angle continuously adjustable between 80°-110°
- Hold-open device is traversable
- All components integrated into continuous guide rail
- Fulfills barrier-free building requirements (DIN 18040 / 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

- Can be used for left and right-handed doors
- Thermodynamic valves for consistent performance

Note

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

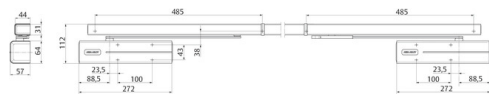
The advantages at a glance

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	Simple, rapid installation and adjustment Symmetrical drilling template Can be used for left and right handed doors for standard mounting on non-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 Mechanical door coordinator for optimum functional reliability Optimum usage convenience thanks to controlled closing of door in correct order

Technical data

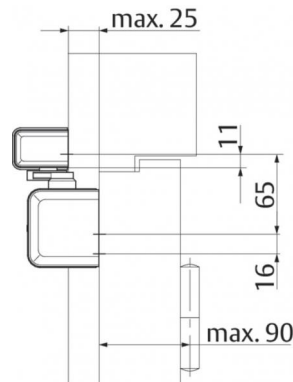
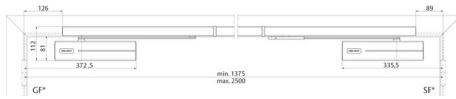
Rated current consumption	2 x ca. 75 mA
Suitable for fire doors	Yes
Required power supply	24 V DC
Continuous duty	100%
Class of protection	IP 43
Max. door opening angle	ca. 120°
Certified in compliance with	EN 1155/1158
Length	Depending on the hinge distance
Height	30 mm
Depth	44 mm
CE marking for building products	Yes
Color	Silver EV1

Article number	DCG-22-22NDEV1-
EAN-Number	4042203690592



view construction

Required space on doors



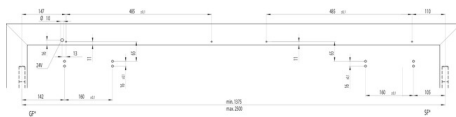
Active leaf DIN right shown in the diagram

Active leaf DIN left is the reverse

GF* = Active leaf

SF* = Passive leaf

Installation dimensions



Active leaf DIN right shown in the diagram

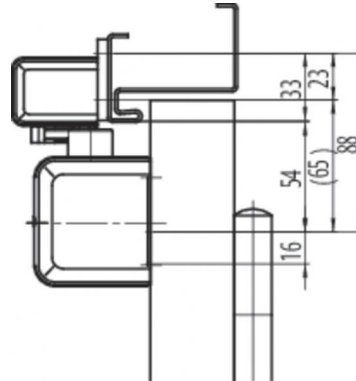
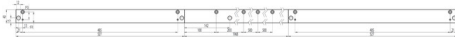
Active leaf DIN left is the reverse

GF* = Active leaf

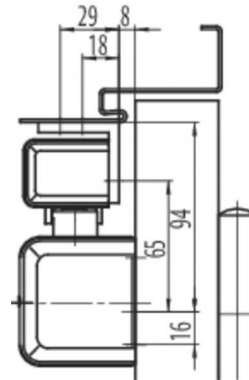
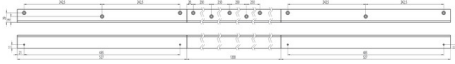
SF* = Passive leaf

Door closer with Cam-Motion® technology, electromechanical hold-open device and integrated mechanical door selector; non-hinge side

Mounting plate A180



Angle bracket A181



Carry bar A102



Enables the correct opening sequence of double doors, installed to inactive door leaf on non-hinge side (G461/G462/G464 installed on non-hinge side)
The length of A102 is even adjustable from 320 - 360 mm, consequently an adjustable range of 40 mm.

DC700G- CO- CE

Door closer with Cam-Motion® technology, electromechanical hold-open device and integrated mechanical door selector; non-hinge side

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