dormakaba

EasyAssist System

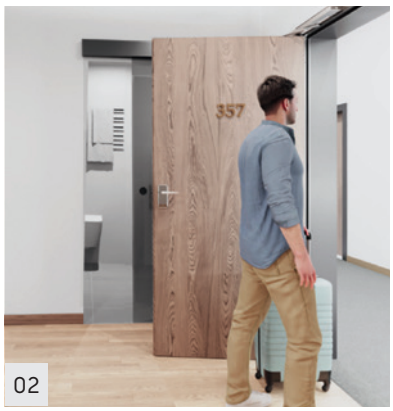
Door assistant for barrier-free access



Technical product brochure



01



02



03

EasyAssist System

01 Barrier-free accessibility of fire doors

02 Comfortable, effortless opening and silent closing

03 Contactless and hygienic access solutions

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EasyAssist Pro with SmartArm 10
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EasyAssist with SmartArm 12
EasyAssist with standard arm 13

Accessories
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EasyAssist System. Simple, barrier-free and sustainable: barrier-free performance up to 1,400 mm, fire door applications, opening and closing against pressure differentials.

The EasyAssist power-assisted door closer will help you implement challenging applications in the field of preventive fire protection and accessibility with ease. The scope of the system enables the cost-effective application on simple standard doors through to complete solutions for contactless access.

With the EasyAssist's PowerAssist function, even large fire doors can be opened without much effort. The automatic mode in the low-energy range allows the contactless opening of doors without sensor systems by electric motor, while the optimised PowerClose function closes doors silently.

EasyAssist Pro with SmartArm
with integrated cabling for door leaf installation



EasyAssist Pro with standard arm
for lintel installation



EasyAssist System.
Easier to plan and install, convenient to operate.

- Barrier-free access for door sizes up to 1,400 mm and weights up to 120 kg, up to 200 kg when operated with PowerAssist
- Variants for fire doors and non-fire doors
- SmartArm for simplified door leaf installation
- Single closer body for hinge side and opposite hinge side
- PowerAssist, motorised opening and PowerClose function in a single device
- Bluetooth interface and smartphone app for quick and easy commissioning



Installation on hinge side or opposite hinge side
The EasyAssist is easy to install on either side. Electrical supply to the housing body from the slide channel is via SmartArm. A separate product variant is available for inverted installation.



Easy and quick commissioning using mobile app
Commissioning is just as easy as the installation of the EasyAssist – simply automatic. Make the desired settings with the app conveniently via Bluetooth.

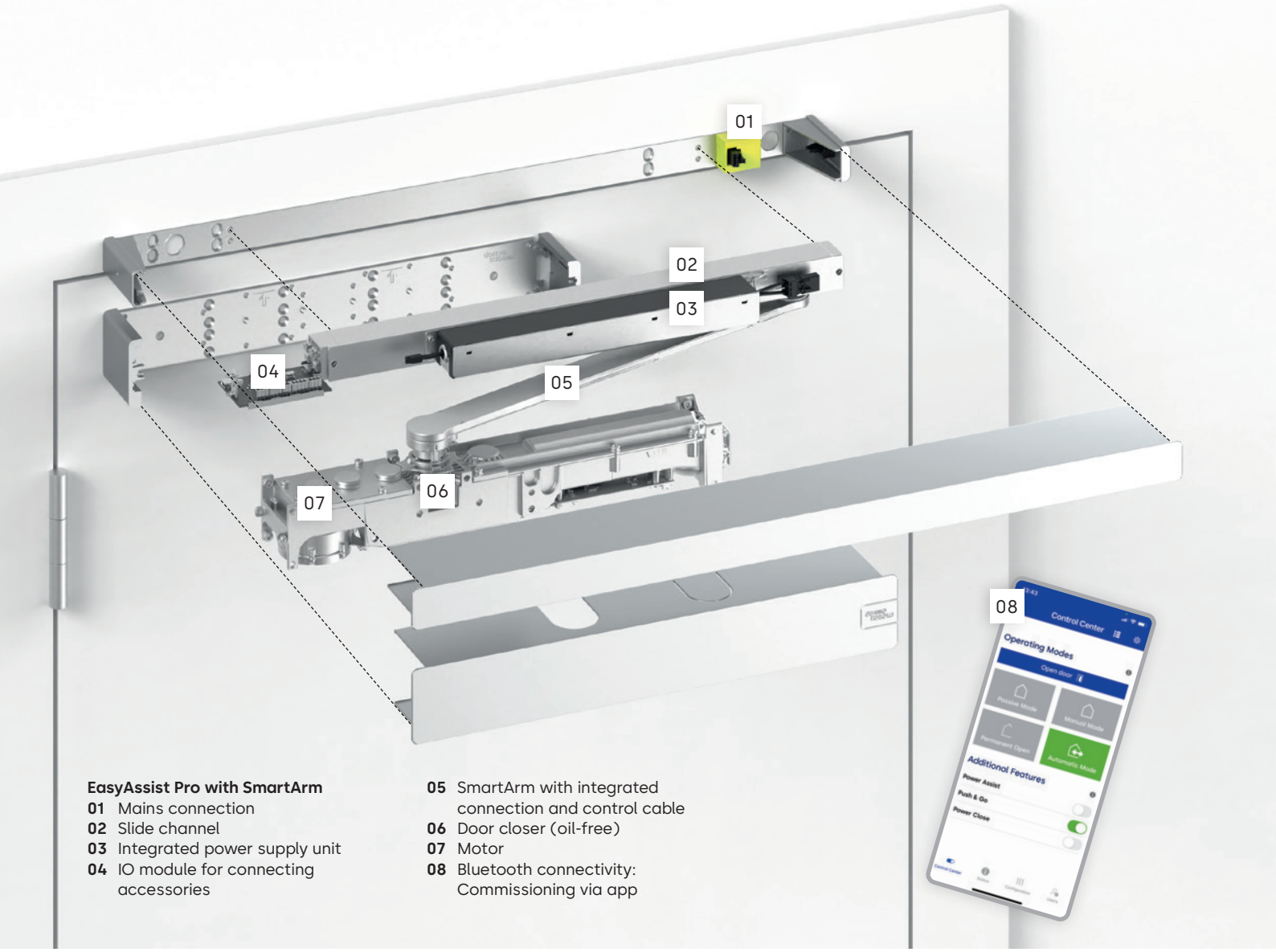


Lowest possible opening force or contactless?
The opening resistance can be set as required – from selecting PowerAssist for supported manual access to automatic door opening.



THIRD-PARTY VERIFIED EPD ISO 14025 and EN 15804 Institut Bauen und Umwelt e.V.

Focus on sustainability
The EasyAssist system is oil-free, has no hydraulics and already dispenses with lead-containing alloys.



EasyAssist Pro with SmartArm

01 Mains connection
02 Slide channel
03 Integrated power supply unit
04 IO module for connecting accessories
05 SmartArm with integrated connection and control cable
06 Door closer (oil-free)
07 Motor
08 Bluetooth connectivity: Commissioning via app



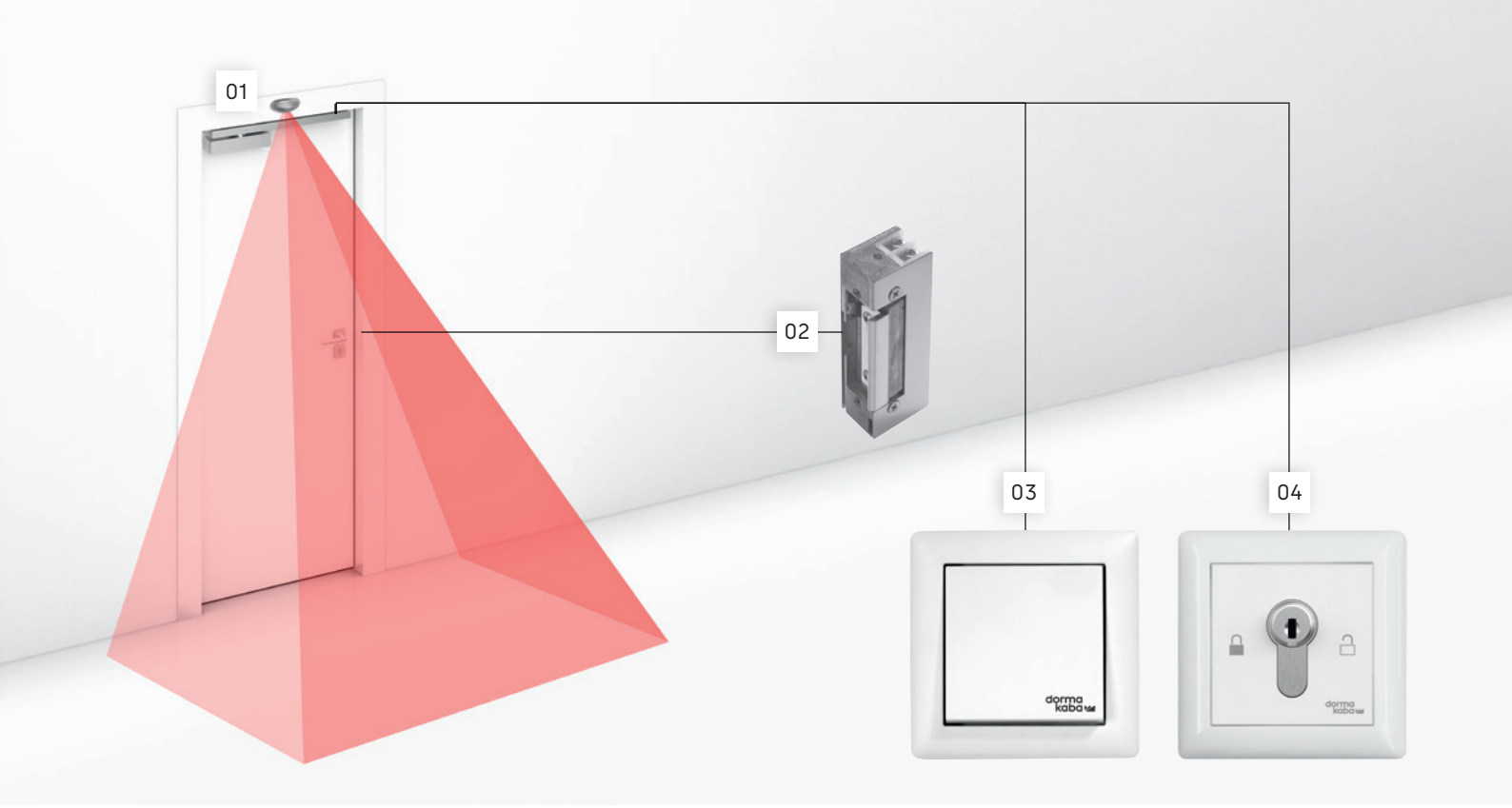
PowerClose – silent and safe closing
In addition to the regular closing force, the force for the latching action can also be set starting at a door gap of 8 mm (PowerClose) – up to max. 150 N, even against changing air pressure.



Adjustable hold-open time
The hold-open time is freely adjustable for standard doors. For fire doors, the closing action can be delayed by up to 30 seconds.



Adjustable cushioned limit stay
The door opening angle can be limited via EasyAssist, preventing damage to the door. The use of a stopper is recommended in individual cases.



Close door, open door – manually, semi-automatic or fully automatic?

Basic function

Manual access with door closer function
The door responds in the same way as a manual door with door closer-like action. Closing force and closing speed are adjustable.

Barrier-free access with PowerAssist function
The PowerAssist function enables servo-controlled, manual access to the door. The servo control is automatically adjusted to the set door closer size. The force is adjustable to comply with the requirements of DIN 18040, DIN Spec 1104, CEN/TR 15894, BS 8300/2100 and document "M", and even EN 6. With the PowerAssist function, barrier-free access can be provided even in challenging door situations.

Push & Go
Brief "tapping" opens the door. Then the door closes autonomously. The hold-open time can be set individually.

Functions with accessories

1. Automatic opening by radar sensors (motion sensors)
The door opens automatically as soon as the sensor detects a person in the detection range. The door closes after a pre-set hold-open time.

2. Electrical door opener
The "Automatic opening" function requires an electronic door opener to prevent blocking of the door. EasyAssist assumes the control function.

3. Automatic opening by external pulse transmitters such as manual release pushbuttons, key switches, telephone and speaker systems, etc.
The door opens automatically and closes after a pre-set hold-open time (mono-flop) or a repeated pulse (flip-flop).

4. Automatic opening only after release by access control such as card reader, coding switch, biometric, etc. (night/bank function)
The door can only be accessed after release by access control. The door closes after a pre-set hold-open time (mono-flop).

Functions and technical data

		EasyAssist Pro	EasyAssist
Accessibility	PowerAssist – power-assisted opening	●	●
	Push & Go – automatic door opening with manual impulse	●	●
	Automatic opening with additional pulse transmitter e.g. manual release pushbutton or sensor	●	●
	Motorised backcheck, prevents uncontrolled slamming of the door	●	●
	Hold-open action of the door with adjustable hold-open time and opening angle	●	●
	PowerClose – power assistance for safe and silent closing	●	●
	Low-energy	●	●
Mechanics / area of application	Mechanical closing force (infinitely adjustable by setting screw with optical closing force indicator)	EN 3-6	–
	Adjustable closing speed in passive mode	●	–
	Standard doors	●	●
	Approved for fire and smoke doors	●	–
	Same design for DIN-L and DIN-R	●	●
	Same design for hinge side or opposite hinge side installation	●	●
	Operator door leaf installation with voltage supply via SmartArm slide channel	●	●
Technical data	Weight operator + SmartArm in kg	6,5	4,4
	Dimensions operator door leaf installation in mm (lintel installation)	440x62x72 (690x62x72)	368x62x72 (440x62x72)
	Dimensions SmartArm door leaf installation in mm (lintel installation w/G-N)	710x33x80 (602x23x33)	710x33x80 (602x23x33)
	Temperature range	-15 to 50°C	-15 to 50°C
Certification	CE marking and EN 16005 certification	●	●
	Certification to DIN EN 17372/DIN 18263-4	●	–
	Barrier-free to DIN 18040	● (up to 1,400 mm)	●
	Hold-open system to EN 1155	● (not for ETA)	not applicable
	Closing sequence to EN 1158	○	–
	Environmental Product Declaration (EPD)	●	●

● standard ○ optional – not available



Declaration of risk

EN 16005:2024 specifies requirements for low-energy operation in section 5.8.9. It states that the low-energy movement of the door does not generally need to be protected by additional safety devices, as the levels of kinetic energy are not considered dangerous. There has been no change in content in the revised version of EN 16005:2024 compared to the previous version of the standard.

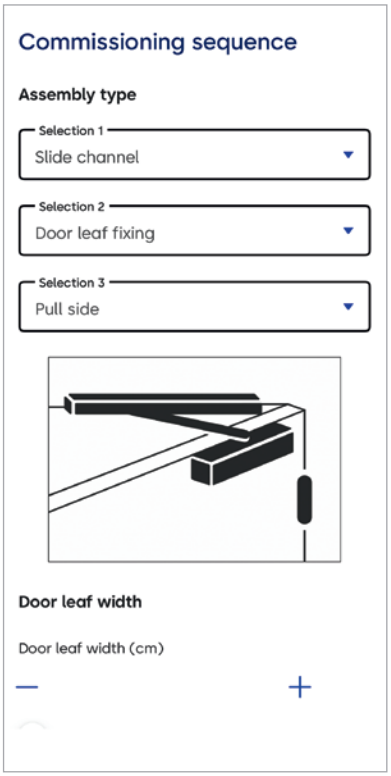
This has the following impact on the EasyAssist versions:

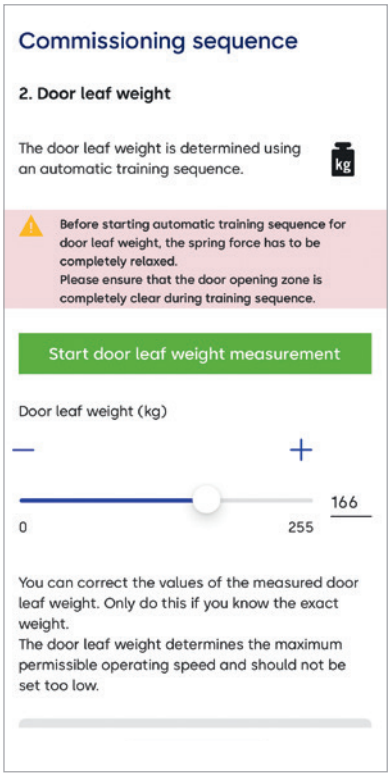
The EasyAssist Pro operates in low-energy mode only and thus meets the requirements for low-energy application as defined in EN 16005:2024. Compliance with specifications such as reduced speeds and limited operating forces generally ensures a very high level of safety for the application. In addition, EasyAssist Pro reacts immediately to any obstacle with sensitive driving characteristics, and settings in the Door Pilot II mobile application allow the response to be adjusted even more sensitively to specific situations. In PowerAssist mode, a user actively opens the door manually, with EasyAssist Pro solely providing support. The closing movement is performed purely by the mechanical force of the spring, so that safety – even if a user is hit – is at the same level as with mechanical door closers.
In accordance with sections 5.8.5 and 5.8.9 of EN 16005:2024, safety sensors are therefore generally not required. If the functions for automatic opening with push buttons or sensors are used, the general requirements for low-energy protection apply: if the risk assessment by a specialist company during the planning and commissioning of the door system shows that the door is used to a large extent by users requiring special protection, the use of safety sensors is needed in low-energy mode.

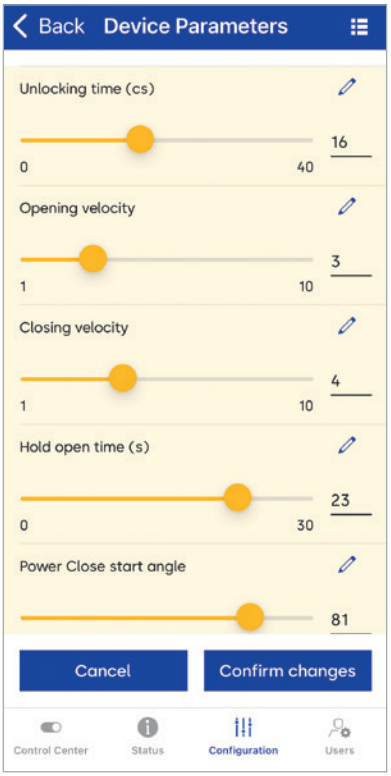
In addition, taking into account section 5.1 of EN 16005 and the risk analysis, as with all power-operated doors, structural or hinge protection of the secondary closing edge is recommended.

Straightforward commissioning:
automated in only 5 steps and 2 minutes

1. Choice of installation variant
2. Automated door weight teach-in
3. Spring force setting
4. Automates spring force teach-in and opening angle setting
5. Angle setting for PowerClose function

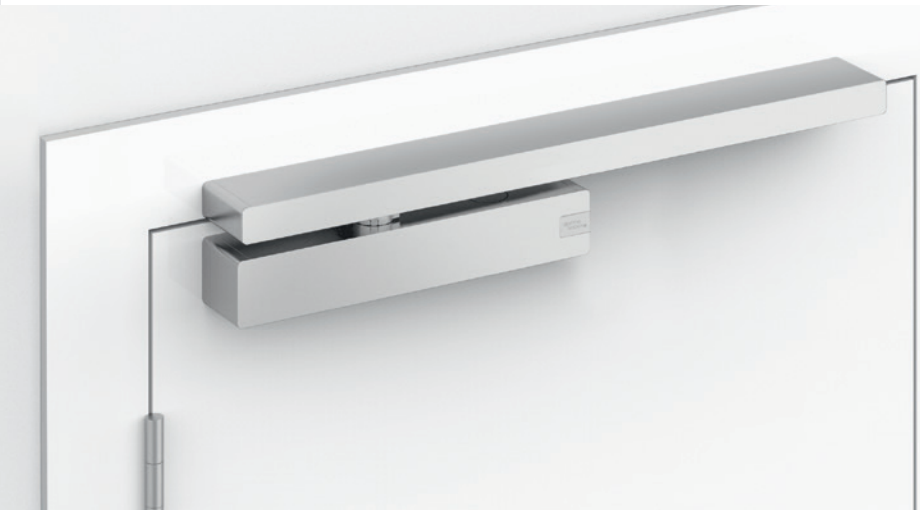


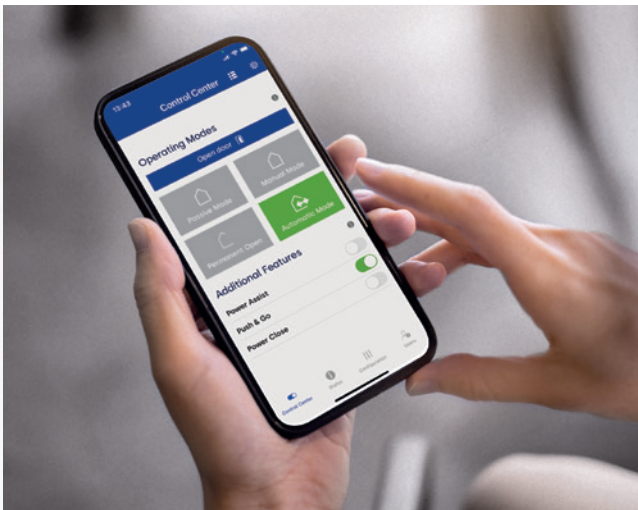




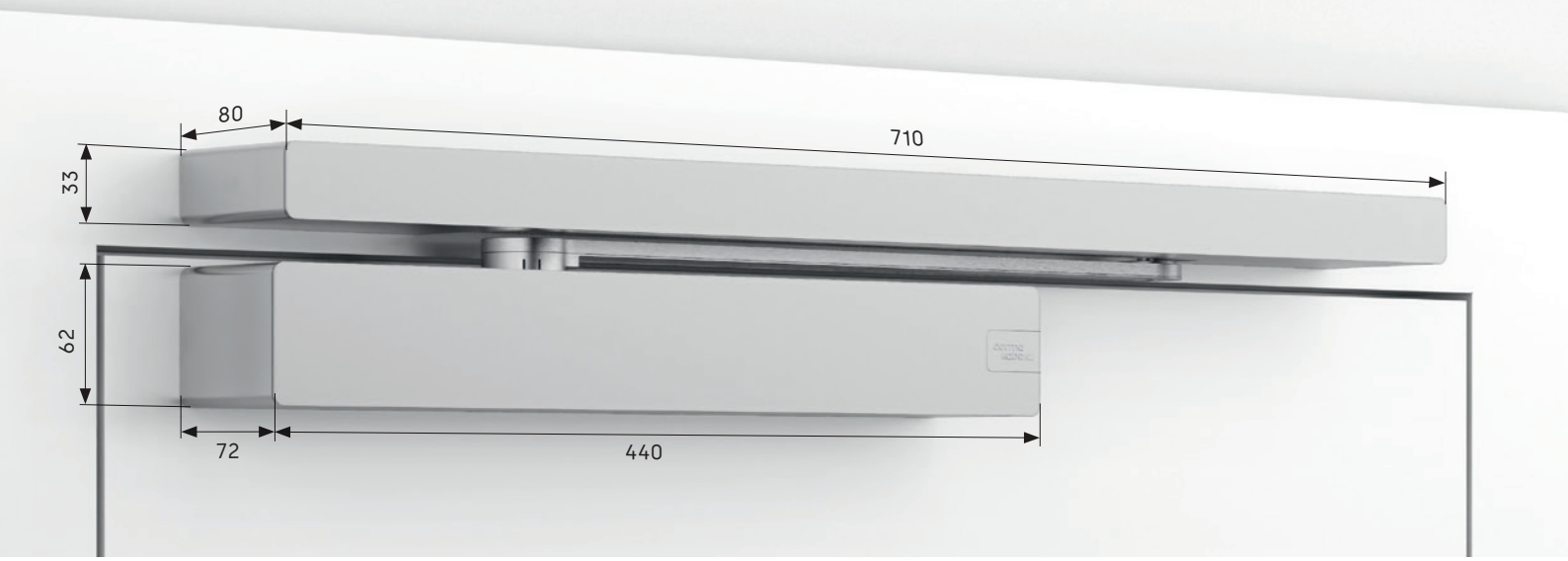
All data is determined automatically during teach-in. The values and data determined can also be entered manually.

Individual fine adjustments can be made as required once the teach-in sequence is complete.





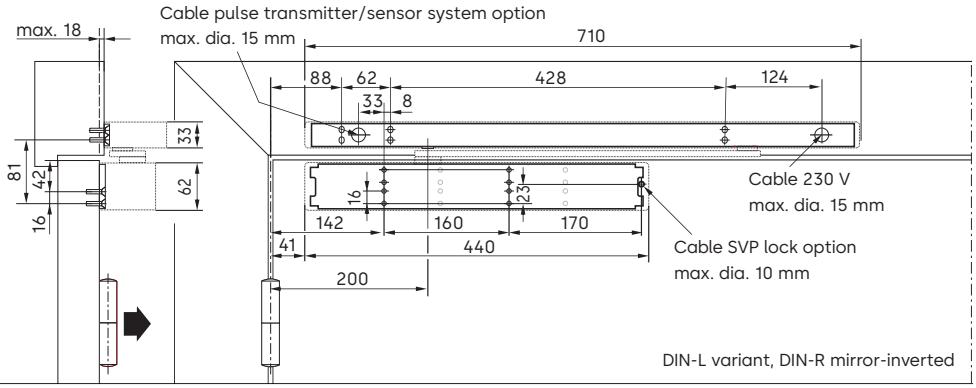
EasyAssist Pro Door leaf installation



EasyAssist Pro Door leaf installation

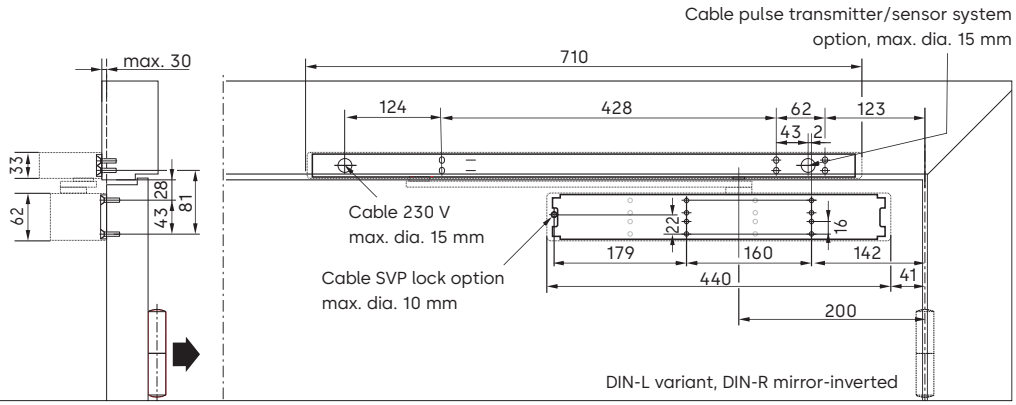
- Approved for fire and smoke doors
- DIN-L and DIN-R installation
- Hinge side and opposite hinge side installation
- Operator voltage supply via SmartArm slide channel

Designs	Article number
Silver	63100101
Black	63100119
White	63100111
Stainless steel design	63100104
Special colour	63100109



Hinge side installation

DIN-L variant, DIN-R mirror-inverted



Opposite hinge side installation

DIN-L variant, DIN-R mirror-inverted

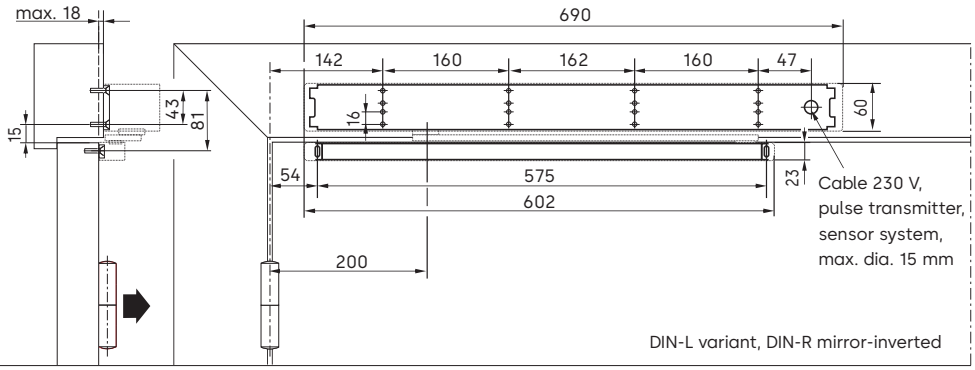
EasyAssist Pro Transom installation



EasyAssist Pro Transom installation

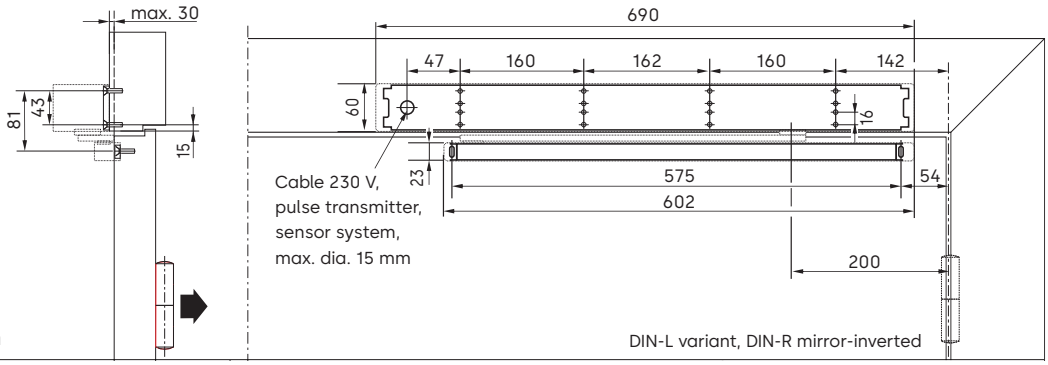
- Approved for fire and smoke doors
- DIN-L and DIN-R installation
- Hinge side and opposite hinge side installation

Designs	Article number
Silver	63501101
Black	63501119
White	63501111
Stainless steel design	63501104
Special colour	63501109



Hinge side installation

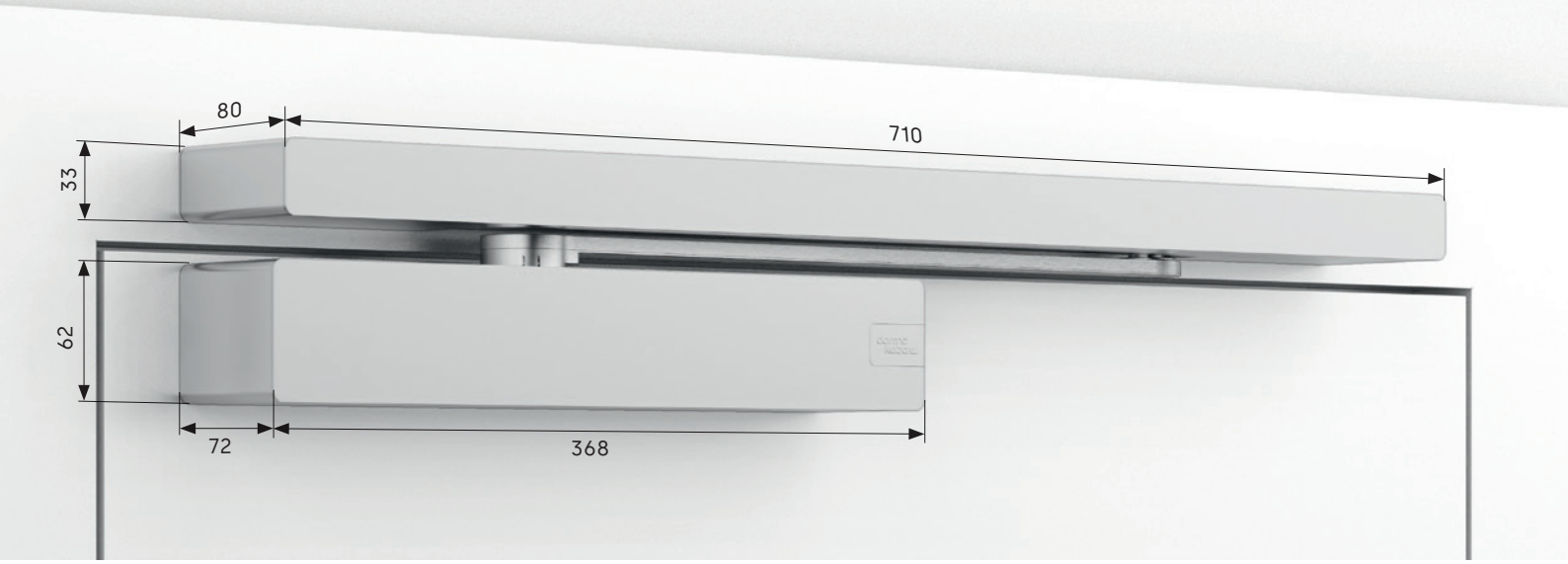
DIN-L variant, DIN-R mirror-inverted



Opposite hinge side installation

DIN-L variant, DIN-R mirror-inverted

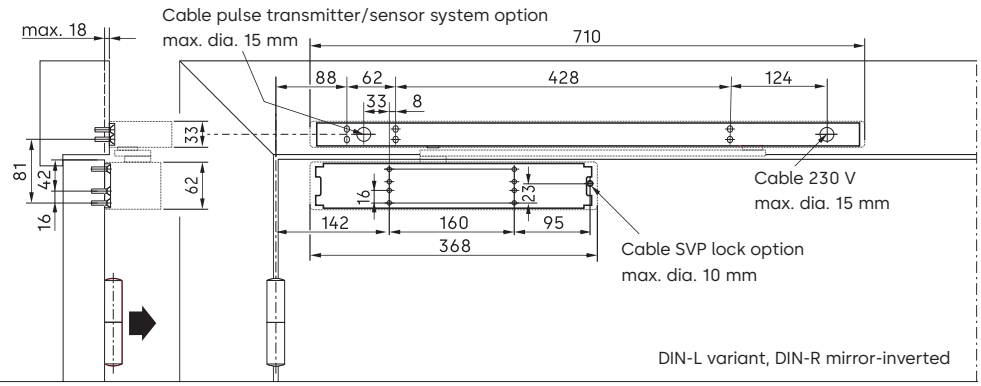
EasyAssist Door leaf installation



EasyAssist Door leaf installation

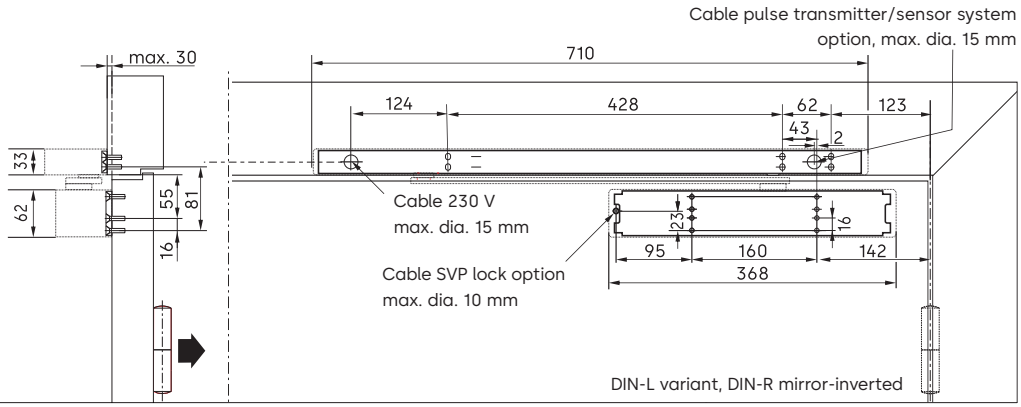
- DIN-L and DIN-R installation
- Hinge side and opposite hinge side installation
- Operator voltage supply via SmartArm slide channel

Designs	Article number
Silver	63300101
Black	63300119
White	63300111
Stainless steel design	63300104
Special colour	63300109



Hinge side installation

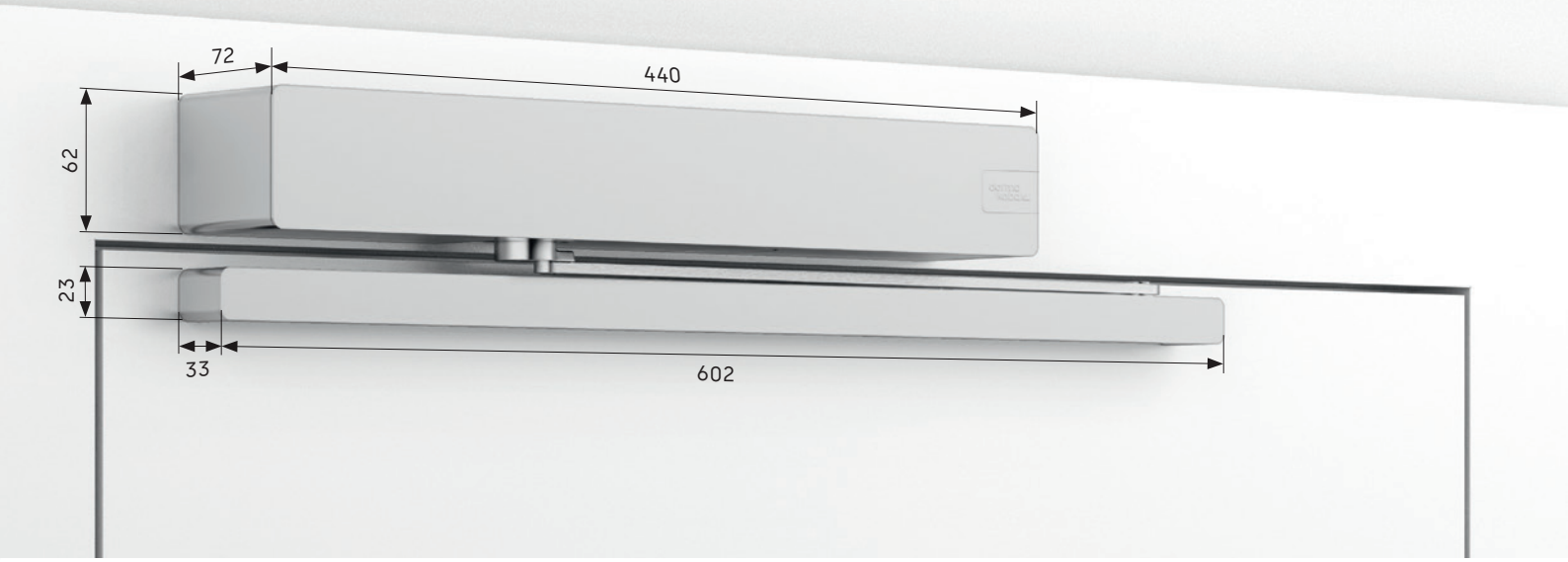
DIN-L variant, DIN-R mirror-inverted



Opposite hinge side installation

DIN-L variant, DIN-R mirror-inverted

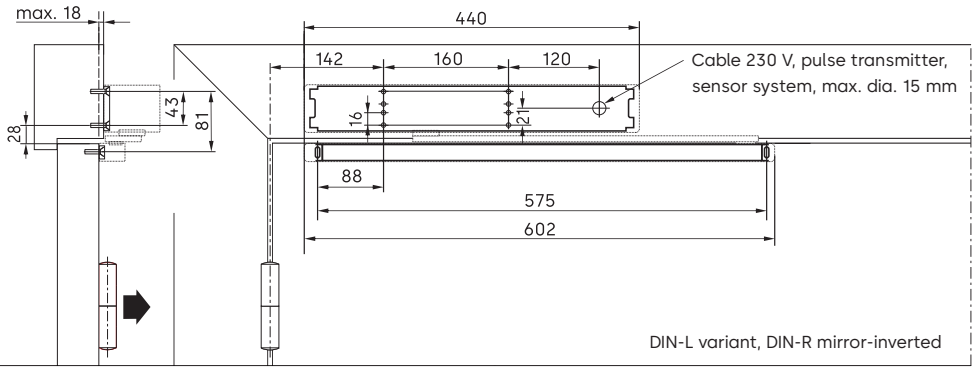
EasyAssist Transom installation



EasyAssist Transom installation

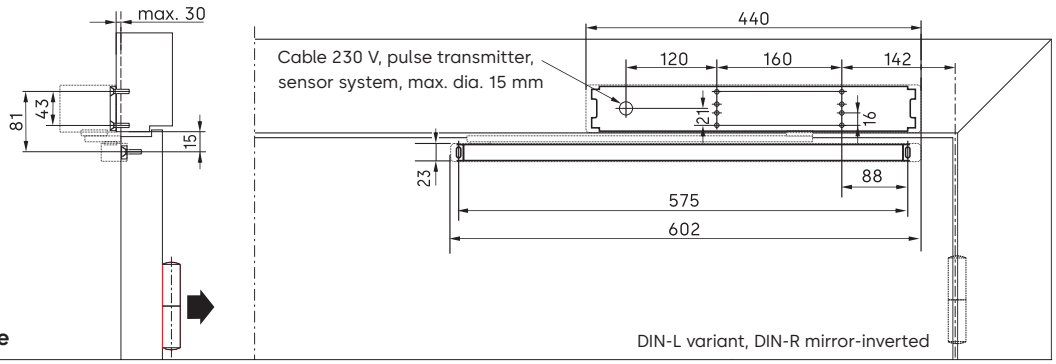
- DIN-L and DIN-R installation
- Hinge side and opposite hinge side installation

Designs	Article number
Silver	63701101
Black	63701119
White	63701111
Stainless steel design	63701104
Special colour	63701109



Installation Hinge side

DIN-L variant, DIN-R mirror-inverted



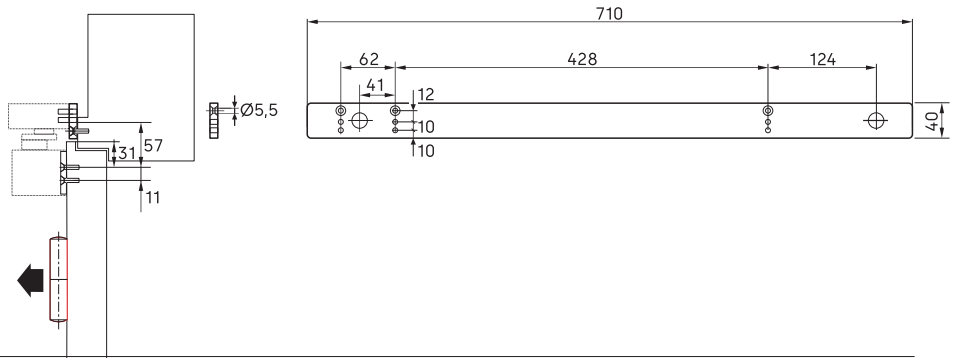
Installation Opposite hinge side

DIN-L variant, DIN-R mirror-inverted

Accessories
Mounting plates/brackets

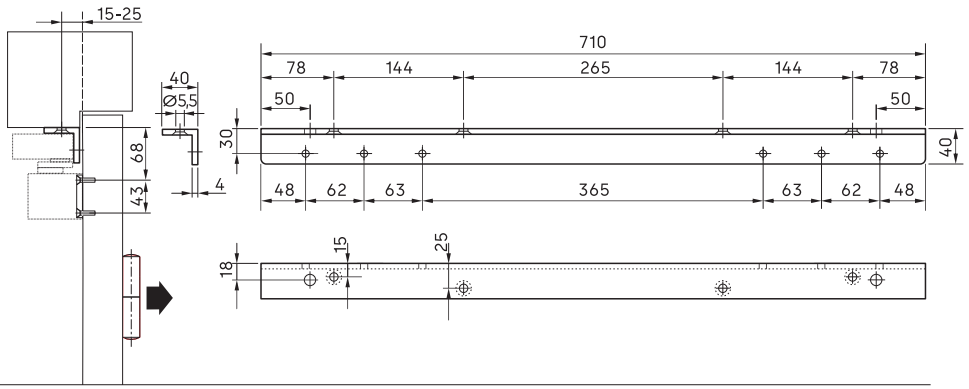
Mounting plate 40 mm

Designs	Article number
Silver	63016001
Black	63016019
White	63016011
Special colour	63016009



Angle bracket

Designs	Article number
Silver	63017001
Black	63017019
White	63017011
Special colour	63017009

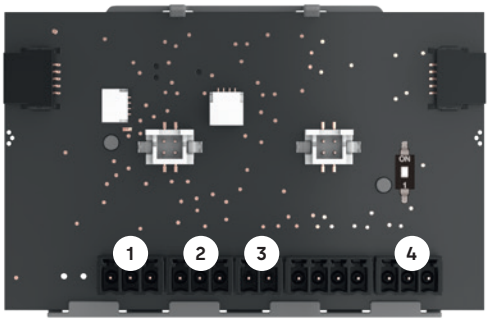




Connection units

EasyAssist connection unit

Buttons, alarms and smoke detectors, door openers and external access control systems can be connected via the connection unit. Depending on the installation variant (lintel or door leaf), the connection unit is integrated in the SmartArm slide channel or the operator and is included in the EasyAssist scope of delivery.



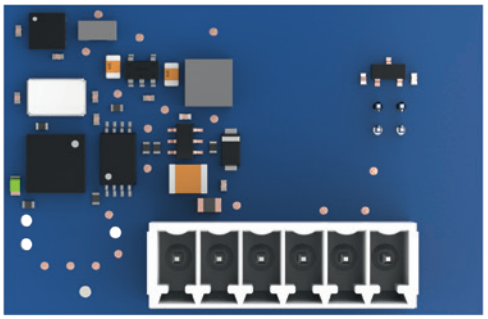
Connections

1 Electrical door opener
2 Pulse transmitter inside, e.g. button or motion sensor
3 Fire alarm system
4 Pulse transmitter outside, e.g. button or motion sensor

Adapter board for safety sensor system

Optional safety sensor systems can be connected to the EasyAssist via the optional adapter board. The board is connected to the operator. It is either fitted on the lintel or the door leaf, depending on the installation variant.

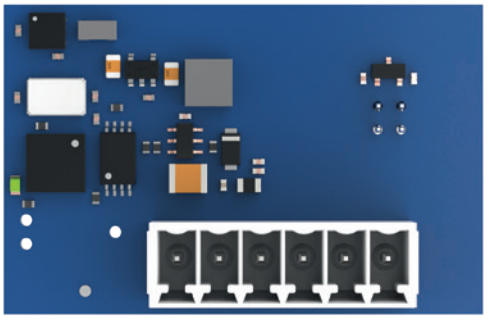
Article number 63027000



Adapter board for motor locks

Optional safety motor locks can be connected to the EasyAssist via the optional adapter board. The board is connected to the operator. It is either fitted on the lintel or the door leaf, depending on the installation variant.
Note: CAN bus motor locks are not supported.

Article number 63028000



Accessories
Motion detectors and switches











Eagle Artek

The Eagle Artek radar motion sensor with simple options for adjusting the detection range: field shape, field size, direction detection and simple cross-traffic optimisation.

Eagle Artek
Eagle Artek radar motion detector, directional, with cross-traffic optimization
Ambient temperature -20°C to +55°C
Dimension: W x H x D = 120 x 80 x 50 mm

black	86901000
silver	86902000
white	86903000

Eagle Artek Ceiling mounting system
Ceiling mounting system for radar motion detectors Eagle Artek

black	86941000
white	86940000

Eagle Artek Alu weather protection
Weather protection hood for radar motion detector Eagle Artek

black	86930000

Eagle Artek Mounting bracket
Mounting bracket for radar motion detector Eagle Artek

black	86950000

Eagle Artek Retrofit DU 12
Retrofit adapter screwable for on-site cable to radar motion detector Eagle Artek

(1 piece always only in delivery unit of 12)	86999000



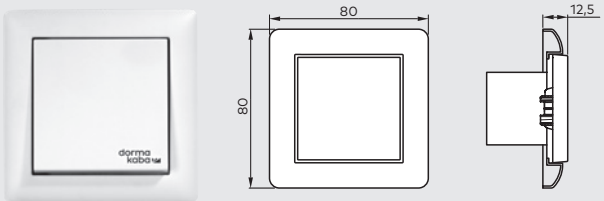
Contactless radar pushbutton

CleanSwitch IP20
contactless radar pushbutton, System 55, protection class IP20, flush-mounted, detection zone adjustable 10-50 cm, dimensions: 80 x 80 x 40 mm, switch insert 55 x 55 mm, colour: white

neutral	16737401170
wheelchair	16737501170
door open	16737601170

CleanSwitch IP65
contactless radar pushbutton, System 55, protection class IP65, flush-mounted, compatible with conventional flush-mounted boxes, detection zone adjustable 10-50 cm, dimensions: 80 x 80 x 38 mm, switch insert 55 x 55 mm, colour: white

neutral	16744001170
wheelchair	16744101170
door open	16744201170



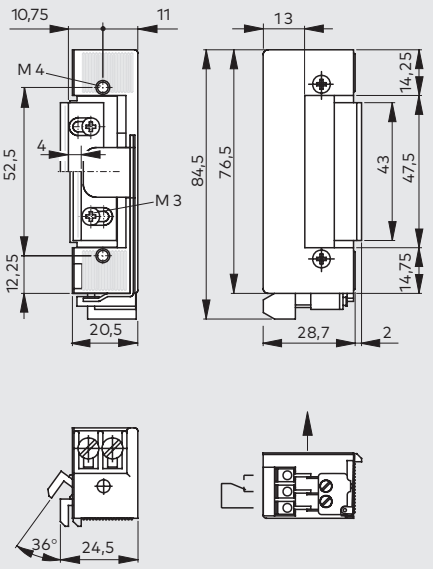
Activation switches

Manual release switch
Single-pole change-over contact, single frame, concealed, System 55

white	19144701170

Accessories
Electrical door openers





Electrical door openers
Lucky Strike series

- Switch-off of audible signal tone on activation
- Effective unlocking and release under pre-load
- 100% duty factor
- Multi-voltage capability: 12-24 V DC
- Fail-secure unit
- With the additional GL rectifier module, Lucky Strike units can also be operated with 12-24 V AC

F Approval certification
The dormakaba Smoke 448 resp. Fire 448 electrical safety door opener has been tested by the Materials Testing Office NRW to be used on smoke and fire doors (irrespective of installation position). Evidence of suitability of the smoke door to be used with the dormakaba Smoke is also required.

Advice
Security electric strikes may only be used in conjunction with door closers in accordance with DIN EN 1154, DIN 18263-1 and DIN 18263-4 on swing/pivoting doors. In the case of doors that exert increased pressure on the electric strike latch in the closed position as a result of design factors (e.g. seals), the models must be operated using alternating current (AC). This applies in particular if the door is equipped with a swing door operator.

Design	Voltage	Unlocking function (E)	Holding function (A)	Monitor contact (RR)	Easy Adapt	Type	Order No.
Basic Lucky Strike on standard doors	Fail-secure 12–24 V DC 100% ED	–	–	–	–		15**117**148
		–	–	●	–	RR	15**117**548
		–	–	–	●		15**117**147
		–	–	●	●	RR	15**117**547
Smoke 448 Lucky Strike on smoke doors	Fail-secure 12–24 V DC 100% ED	–	–	–	–		15**117**048
		–	–	●	–	RR	15**117**948
		–	–	–	●		15**117**047
		–	–	●	●	RR	15**117**947
Fire 448 Lucky Strike on fire and smoke doors	Fail-secure 12–24 V DC 100% ED	–	–	–	–		15**147**148
		–	–	●	–	RR	15**147**548
		–	–	–	●		15**147**147
		–	–	●	●	RR	15**147**547

Contact rating: max. 48 V, 1 A (RR model)

● yes – no

Notes 

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability

Our offering

Access Automation Solutions

Entrance Automation
Entrance Security



Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems



Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems



Services

Technical Support
Installation and commissioning
Maintenance and Repair



WN 05620851532, EN, 04/2026
Subject to technical modifications.

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