

We keep
you moving

Berner Torantriebe has been a leading manufacturer of garage door openers for more than 60 years. Our extensive product portfolio includes garage door-, battery, solar-, underground car park-, swing and sliding gate openers as well as cantilever systems, perimeter security systems and a wide range of accessory for all our product ranges.

In 2017, Berner Torantriebe decided to expand its product portfolio to include high-quality sliding and swing gates as well as fencing systems, side doors and cantilever systems and made of aluminium. With the Berner sliding gate made of "Suspended Glass", the company has succeeded in designing and realising a unique entrance gate.

We have made a conscious decision to be located in Germany, think regionally and work every day to optimise our products, not only technically but also sustainably.

Berner Torantriebe KG and selected products have been climate-neutral certified with ClimatePartner since 2022.

First-class quality and the associated reliability of Berner products are ensured by selected, high-quality components, endurance tests and careful final inspection in our company.

Alongside our customer-orientated service, this has been our recipe for success since the company was founded and is the most important argument for successful cooperation with our customers.

Berner's full range of quality products

Garage door openers
Battery / solar-powered openers
Underground car park and industrial door openers
Swing and sliding gate openers
Perimeter security system
Radio equipment

Accessories
Sliding gates
Swing gates
Fencing systems
Side doors



CERTIFIED SAFETY
24 V MOTOR/230V MOTOR
BISURE RADIO TECHNOLOGY
GATE MOTORIZATION



Swing and sliding gate openers
for private and commercial applications

Safety and convenience for your entranceway



The Berner swing and sliding gate openers: Safe, convenient and reliable

BISURE RADIO TECHNOLOGY
SENSITIVE OBSTACLE DETECTION SYSTEM
CONVENIENT
ROBUST
DURABLE

Berner swing and sliding gate openers ensure that your entrance gate need never again be laboriously opened by hand, even with heavy traffic volumes, rain or snow. The push of a button is enough to open and close your entrance gate at any time, reliably, quickly and safely.

Our powerful openers are perfect for any application and can also be simply retrofitted. Select the ideal Berner opener for your private home or for commercial applications from our extensive product range. Regardless of which Berner opener you decide on, you always select high quality, state-of-the-art technology and a step forward for safety.

➤ The powerful Berner arguments



Sensitive obstacle detection system

With the integrated, intelligent automatic shutdown function, the gate detects obstacles, stops immediately and automatically opens again. As a result, there is no risk of getting caught in the door.



Soft-Start and Soft-Stop

The integrated automatic Soft-Start and Soft-Stop guarantees a safe and reliable gate travel. The Berner opener opens and closes the entrance gate particularly quietly and runs absolutely smoothly whilst doing so.



Robust and durable

The weatherproof and durable material that we use for our openers guarantees a long service life and fault-free day-to-day use.



Made in Germany

All Berner products are exclusively developed and produced in Germany. This and much more guarantee the especially high quality, reliability and safety of our products.



Experience, expertise and quality

More than 60 years ago Berner Torantriebe KG began developing from a mechanical workshop into an international corporation with wide-ranging expertise in the area of door automation and has continuously set new standards with its inventions.



The Berner safety advantage

Berner swing and sliding gate openers are not only reliable and durable, above all they are particularly safe and that also includes extreme situations. Innovative technology, 100% safety, highest quality as well as the new BiSure radio technology are typical for Berner openers – always a step ahead.

➤ Extremely safe

Regardless of the current position of the gate, Berner swing and sliding gate openers ensure that it is 100% safe. The Berner opener will stop the gate at any stage of the opening or closing as soon as there is an obstacle in its path. The sensitive obstacle detection system stops the gate immediately, making trapping and damage impossible.

➤ Reassuringly reliable

The Soft-Start and Soft-Stop function, which is integrated into the opener as standard, ensures a quiet and safe gate movement. The gate runs smoothly and brakes gently when closing – reliably and quietly. This extends the service life of the complete gate system.

➤ Permanent functional safety

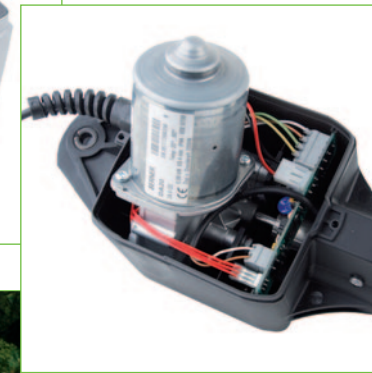
The particularly robust and powerful Berner swing and sliding gate openers guarantee absolute functional and operational safety in any situation. The use of weatherproof materials makes our openers particularly durable and resilient.

➤ Perfectly tailored accessory

The original Berner accessory makes the use of our swing and sliding gate openers even more safe. For example, with gates where the field of view is restricted, photocells detect people and objects without making contact and thus secure the entranceway reliably and simply.

➤ BiSure inside

The new Berner BiSure radio technology communicates with you – a glance is enough and you know whether your radio signal has been successfully transmitted. That is especially safe and practical. Furthermore, the BiSure radio technology guarantees a particularly forgery-proof transmittance of the radio signal, stability and great range.



➤ Sturdy construction

The robust, sturdy inner workings of our openers guarantee functional safety and durability.

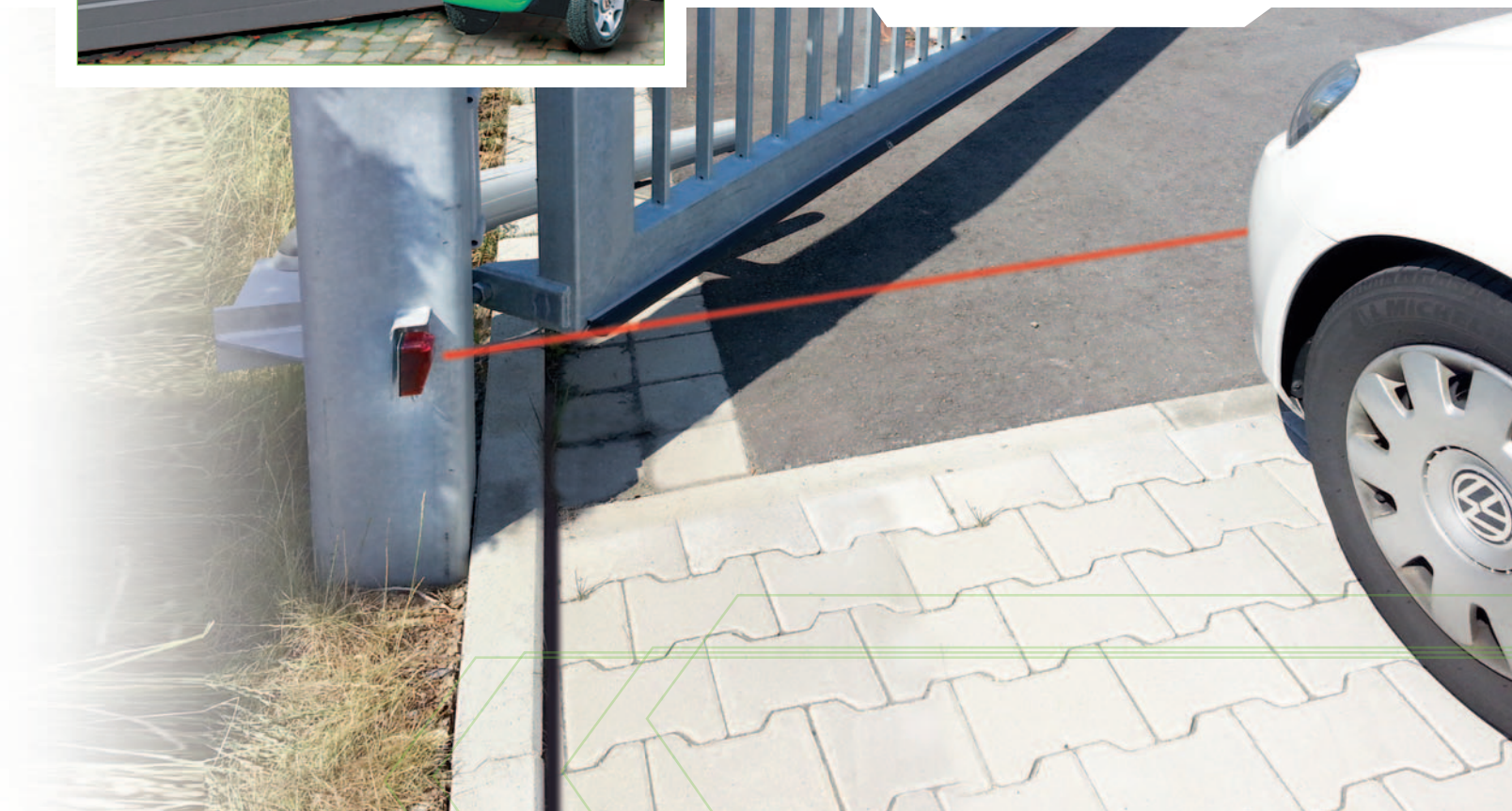


➤ Trapping impossible

The intelligent shut-off technology detects every obstacle and stops the opener automatically.

➤ Safety accessories

Berner photocells detect hazards before you perceive them yourself and react quickly and reliably.



Berner swing gate openers for every application

The 24 V and 230 V Berner swing gate openers are suitable for both private and commercial applications. They are permanently weatherproof and completely maintenance free. They open and close your entrance gate quietly and reliably in all weathers and every situation. Quiet running and absolute safety are of course inherent in this.

24 V ➤ The reliable swing gate operators DA



The starter package

DA22

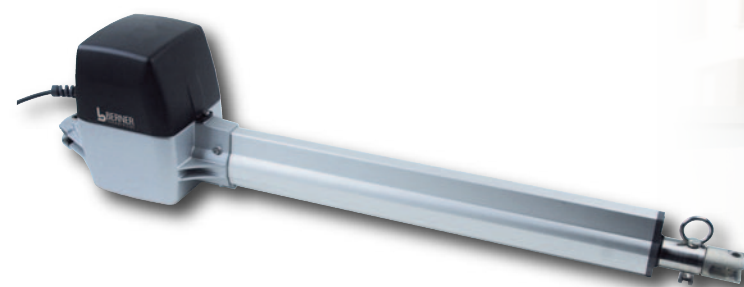
Suitable for single and
double leaf swing gates
Max. gate weight: 220 kg
Max. width of gate leaf: 2.5 m
Cycles 5/20 (h/day)



The power package

DA42 DA42-L

Suitable for normal width and extra
wide single and double leaf swing gates
Max. gate weight:
DA42: 400 kg · DA42-L: 400 kg
Max. width of gate leaf:
DA42: 2.5 m · DA42-L: 4 m
Cycles 10/40 (h/day)



DA200SA DA300SA

Electromechanical swing gate opener in
compact design for single and double
gate leaf swing gates with large
post dimensions
Max. gate weight:
DA200SA: 200 kg · DA300SA: 300 kg
Max. width of gate leaf:
DA200SA: 2 m · DA300SA: 3 m
Max. cycles DA200SA: 5/20 (h/day)
DA300SA: 10/40 (h/day)



➤ Smart operation

Operation via Bluetooth receiver



The new 4-channel hand transmitter BDS240
with wall mount and sun visor clip



The DX-series – Strong and powerful

Our powerful 24 V / 230 V swing gate openers are suitable for both private and commercial applications. Their application are particularly high frequented entrances and heavy gates.

24 V
230 V

DX324

Self-locking swing gate opener with mechanical emergency release for single and double leaf swing gates with max. leaf width 3 m.
Max. gate weight: 250 kg*
Max. cycles: 10/40 (h/day)



➤ For standardised or heavy doors

DX524

Self-locking swing gate opener with mechanical emergency release for single and double leaf swing gates with max. leaf width 5 m.
Max. gate weight: 400 kg*
Max. cycles: 10/50 (h/day)



DX424SA

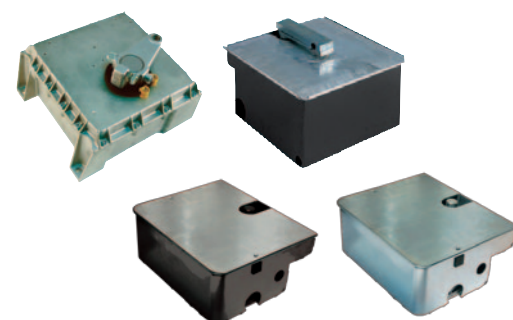
Electromechanical swing gate opener in compact design for single and double leaf swing gates with large post dimensions and max. 4 m leaf width.
Max. gate weight: 400 kg*
Max. cycles: 10/50 (h/day)



➤ Perfect for retrofitting

DX350UF DX400UF

Electromechanical subsurface swing gate opener for single and double leaf swing gates.
DX350 UF: Max leaf width: 3,5 m
Max. gate weight: 350 kg*
DX400 UF: Max. leaf width 4 m
Max. gate weight: 400 kg*
Max. cycles: 10/50 (h/day)



➤ Perfect for high-quality gates
for invisible installation

➤ Smart operation

Operation via Bluetooth receiver



The new 4-channel hand transmitter BDS240 with wall mount and sun visor clip



* dependent on the width of the gate leaf

The CX-series – Robust and powerful

The Berner sliding gate openers with 24 V and 230 V motors with frequency converter have the advantage with power and strength and are suitable for both private and commercial applications. Even large and particularly heavy gates are moved quickly, quietly and safely.

CX1024

24 V sliding gate opener

Sliding gate opener for max. gate weight up to 1000 kg

Max. speed of gate run 160 mm/sec.

Max. cycles 10/100 (h/day)

CX1400

230 V sliding gate opener with frequency converter

Sliding gate opener for max. gate weight up to 1400 kg

Max. speed of gate run 35-260 mm/sec.

Max. cycles 10/100 (h/day)

CX2200

230 V sliding gate opener with frequency converter

Sliding gate opener for max. gate weight up to 2.200 kg

Max. speed of gate run 35-260 mm/sec.

Max. cycles 10/100 (h/day)

Gate with incline possible

CX2500

230 V sliding gate opener with frequency converter

Sliding gate opener for max. gate weight up to 2.500 kg

Max. cycles 20/250 (h/day)

Max. speed of gate run 80-400 mm/sec.

Gate with incline possible



Smart operation

Operation via Bluetooth receiver



The new 4-channel hand transmitter BDS240 with wall mount and sun visor clip



Berner sliding gate openers – Compact and safe

Our compact sliding gate openers with 24 V motors are suitable for both private and commercial applications. The robust, die-cast zinc housing makes them particularly durable and reliable. The control boards of the sliding gate openers are integrated in the housing. The sturdy, height adjustable bottom console and the gear rack, that can be adjusted to suit your individual gate design, are particularly practical.

24 V ➤ The C-series – functional and cost-effective



➤ Smart operation
Operation via Bluetooth receiver



The new 4-channel hand transmitter BDS240 with wall mount and sun visor clip

C302

24 V silding gate opener
Sliding gate opener for
max. gate weight up to 300 kg
Max. width of gate leaf: 6 m
Max. speed of gate run: 220 mm/sec
Max. cycles: 5/20 (h/day)

C502

24 V silding gate opener
Sliding gate opener for
max. gate weight up to 500 kg
Max. width of gate leaf: 8 m
Max. speed of gate run: 220 mm/sec
Max. cycles: 10/40 (h/day)

C802

24 V silding gate opener
Sliding gate opener for
max. gate weight up to 800 kg
Max. width of gate leaf: 10 m
Max. speed of gate run: 150 mm/sec
Max. cycles: 10/40 (h/day)





Hand-held transmitter radio technology

Multifunctional, safe and convenient

The hand-held transmitters of the current and new generation are not only impressive on the outside, they also score highly in terms of security and convenience. They open doors and gates safely and reliably and can also control additional functions.



BDS210

BDS220

BDS240

Key-Facts hand-held transmitters BDS210, BDS220 and BDS240

- › Distinctive design
- › Compact, smaller shape
- › Easy battery replacement thanks to long-life button battery cells
- › Proven BiSure technology for familiar handling
- › Networkable with all Berner products
- › Bidirectional encryption method
- › Highest level of security against scanning and reading of the radio signal
- › Hand-held transmitter with BiSure technology confirms successful transmission of the signal via the LED
- › Door status position can be queried with a suitable receiver (BDS220 and BDS240)
- › Safe and stable range
- › Popular sun visor clip including practical wall bracket is still available
- › The tried-and-tested key ring is included as standard

› Proven over many years:

Hand-held transmitter attachment with integrated eyelet directly on the key ring



› Particularly practical:

wall bracket for easy location



› Particularly popular:

attachment with integrated clip on the sun visor



For even more comfort

Discover the extensive range of Berner accessories for your individual area of application. Choose between wireless and wired control devices as well as optional accessories for even more safety and convenience.

Radio:

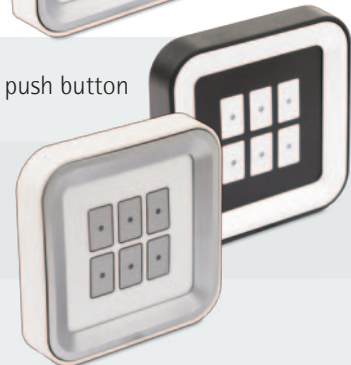
Wireless internal push button
2-channel

BDS624/BDS624-W,
Housing white or black
2 AAA batteries, 1,5 V



Wireless internal push button
6-channel

BDS664/BDS664-W
with status display,
Housing white or black
2 AAA batteries, 1,5 V



Radio code keypad
10-channel, illuminated

BDS690, IP54
with film keypad, black housing
2 AAA batteries, 1,5 V



Radio code keypad
10-channel, illuminated

BDS691/BDS691-W, IP54 with
stainless steel keypad,
Housing white or black
2 AAA batteries, 1,5 V



Wired accessories:

Key switch

Our large selection of key switches
enables access to your garage simply
via key contact



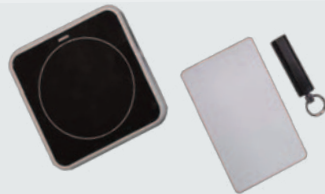
Touch pad or metal key pad

for evaluation unit,
CTT and CTM



Transponder
TTR1000-1

Our 1-channel transponder
controls your garage door
completely contact-
free. With transponder key
and transponder card



Safety:

One-way photocell for
inside and outside

EWLS AP4, 24 V,
180° adjustable, IP44,
range: 15m, alignment
by using LED-lights



One-way photocell for
inside and outside

EL301, 24 V, inkl. testing,
2-wired, range: 8m



Electric lock

for floor or
post locking



LED blinking light

incl. Mounting base, Flashing or
continuous light adjustable



LED signal light yellow

for floor and wall mounting



Inductive power supply system
SZFS SET 3

for all sliding gate openers of the C-line;
For the connection of main and secondary
closing borders inkl. evaluation unit, 230V AC
or 24 V AC/DC



Monitoring system 2-channels wireless

Radio transmission system for
8,2 kOhm contact strips, max.
7 transmitters programmable



Closing border
protections and
rubber profiles

active or passive closing
border protections incl.
Accessories



Emergency
push-button

NAG on-wall in housing
IP54



Operating via APP:

Bluetooth receiver
incl. Antenna

BTE 2-24 for simple Bluetooth
operation via app (Berner-BlueSecur)



Technical specifications

DA22
DA42
DA42-L
DA200SA
DA300SA

Power
0.2 kW

End shut-off
DA22, DA42 and DA42-L
In closed position of the gate via an integrated end switch or external stop, in open position of the gate programmable

DA200SA, DA300SA
In closed position of the gate via integrated or external stop, in open position of the gate via integrated stop or programmable

Gate locking
Electrical lock for pillar and ground locking, necessary from leaf widths larger than 1500 mm

Gate release
On the opener

Motor
24 V direct current motor with self-locking gear, protection class IP 44

Max. 50 % shuttering (wind load)

Special fitting
For inclines up to max. 6 degrees (only for DA42, DA42-L and DA300SA)

Radio remote control
4-button hand transmitter included in delivery, Frequency: 868 MHz

Microprocessor control board
With double-7-segment display

Soft-Start / Soft-Stop
For gentle, low-noise operation

Automatic shutdown
Force limitation for both running directions, self learning and self checking

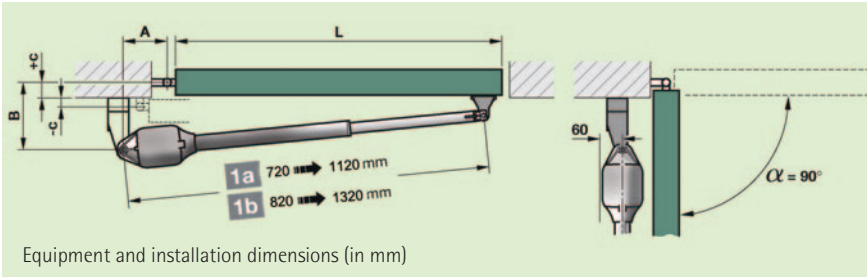
Automatic closing
Individually adjustable (photocell required)

Connection for safety devices

Single gate function

Overview of the 24 V swing gate openers

Type	DA22	DA42	DA42-L	DA200SA	DA300SA
Max. gate weight	220 kg	400 kg	400 kg	200 kg	300 kg
Max. width of gate leaf	2.5 m	2.5 m	4 m	2 m	3 m
Max. height of gate leaf	2 m	2 m	2 m	2 m	2 m
Max. pull and push force	2200 N	2700 N	2700 N		
Max. torque				250 Nm	300 Nm
Nominal force/torque	440 N	540 N	540 N	50 Nm	60 Nm
Motor voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Temperature range	-20... +60 C°	-20... +60 C°	-20... +60 C°	-20... +60 C°	-20... +60 C°
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Max. cycles (hrs/day)	5/20	10/40	10/40	5/20	10/40

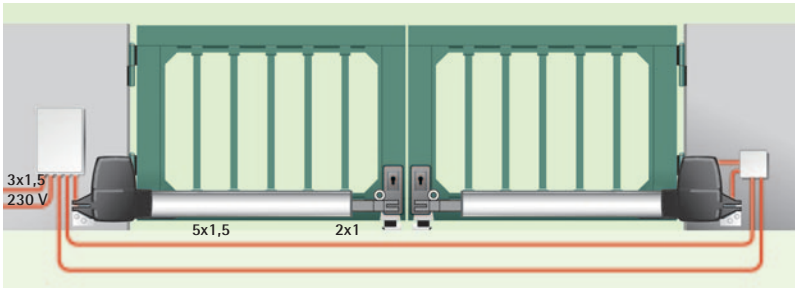


1a Swing gate openers DA22, DA42 L = 1000 --> 2500 mm, c= -30 --> +150 mm

B (mm)	c (mm)	100	110	120	130	140	150	160	170	180
100	-30	95°	100°	105°	110°	115°	118°	120°	122°	125°
120	-10	95°	100°	105°	108°	112°	115°	117°	120°	122°
140	10	95°	100°	103°	105°	108°	112°	115°	118°	120°
160	30	95°	98°	100°	102°	105°	108°	112°	115°	110°
180	50	93°	96°	98°	100°	103°	105°	108°	103°	98°
200	70	93°	96°	98°	100°	103°	105°	100°	95°	92°
220	90	93°	95°	97°	99°	102°	97°	93°	90°	-
240	110	93°	95°	97°	99°	94°	90°	-	-	-
260	130	92°	94°	90°	-	-	-	-	-	-
280	150	90°	-	-	-	-	-	-	-	-

1b Swing gate opener DA42-L L = 1500 --> 4000 mm, c= -30 --> +210 mm

B (mm)	c (mm)	100	110	120	130	140	150	160	170	180
100	-30	95°	100°	105°	110°	115°	118°	120°	122°	125°
120	-10	95°	100°	105°	108°	112°	115°	117°	120°	122°
140	10	95°	100°	103°	105°	108°	112°	115°	118°	120°
160	30	95°	98°	100°	102°	105°	108°	112°	115°	117°
180	50	93°	96°	98°	100°	103°	105°	108°	112°	114°
200	70	93°	96°	98°	100°	103°	105°	107°	110°	112°
220	90	93°	95°	97°	99°	102°	104°	107°	108°	110°
240	110	93°	95°	97°	99°	101°	103°	106°	106°	108°
260	130	92°	94°	97°	99°	100°	102°	105°	105°	105°
280	150	90°	94°	96°	98°	100°	102°	103°	96°	94°
300	170	90°	94°	96°	97°	99°	97°	93°	90°	-
320	190	90°	93°	95°	93°	92°	-	-	-	-
340	210	90°	93°	90°	-	-	-	-	-	-



Mains supply line
230 V 50 Hz
NYY 3 x 1.5 (on-site)

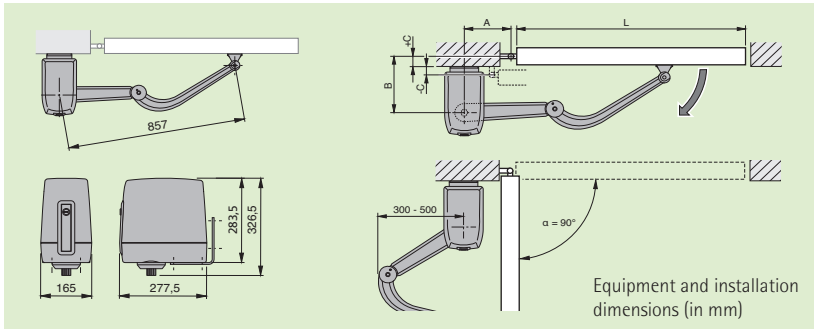
Motor cable
Connection cable for the 24 V DC opener
NYY 5 x 1.5 (on-site)

Electrical lock supply line
24 V AC/DC (on-site); In the ground: NYY 3 x 1.5
On the leaf: H07RN-F 2 x 1

Additional control lines
For in-house buttons such as push buttons or key switch, e.g. NYY 4 x 0.8

Lay all cables separately!

DA200SA/DA300SA



Swing gate openers DA200SA/DA300SA
L = 1000 --> 2500 mm (DA200SA), L = 1000 --> 3000 mm (DA300SA), c= -33,5 --> +266,5 mm

B (mm)	c (mm)	115	135	155	175	195	215	235	255	285
170	-33,5	90°	96°	101°	106°	110°	114°	116°	121°	124°
210	6,5	90°	95°	100°	104°	108°	111°	114°	117°	120°
250	46,5	90°	94°	98°	102°	105°	109°	112°	114°	115°
290	86,5	90°	94°	97°	101°	104°	105°	105°	105°	105°
330	126,5	90°	93°	96°	99°	101°	101°	101°	101°	101°
370	166,5	90°	93°	96°	98°	98°	98°	98°	98°	98°
410	206,5	90°	93°	95°	96°	96°	95°	94°	94°	96°
440	236,5	90°	92°	95°	92°	92°	90°	91°	92°	94°
470	266,5	90°	89°	89°	89°	88°	88°	89°	90°	94°

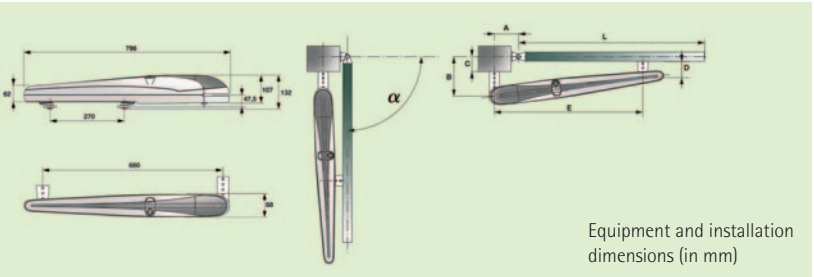
Extract, find further mounting possibilities in the installation instruction

Overview of the 24 V / 230 V swing gate openers

Type	DX324	DX524	DX424SA	DX350UF	DX400UF
Max. gate weight	250 kg*	400 kg*	400 kg*	350 kg*	400 kg*
Max. width of gate leaf	3 m	5 m	4 m	3.5 m	4 m
Max. height of gate leaf	2 m	2 m	2 m	2 m	2 m
Max. pull and push force	1800 N	2000 N	-	-	-
Max. torque	-	-	250 Nm	320 Nm	450 Nm
Nominal force/rated torque	360 N	400 N	50 Nm	60 Nm	90 Nm
Motor voltage	24 V DC	24 V DC	24 V DC	24 V DC	230 V AC
Opening angle	max. 110°	max. 110°	max. 110°	110°/180°**	110°/180°**
Opening time for 90°	13-19 Sek.	20-45 Sek.	17-24 Sek.	15-25 Sek.	20 Sek.
Engine power	0,12 kW	0,12 kW	0,12 kW	0,36 kW	0,31 kW
Temperature range	-20°C bis +60°C	-20°C bis +60°C	-20°C bis +60°C	-20°C bis +60°C	-20°C bis +60°C
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Max. on-time	60 %	60 %	60 %	60 %	40%
Max. cycles (hrs/day)	10/40	10/50	10/50	10/50	10/50

* depending on the width of the door leaf
** with special fitting

DX324



max. α	A (mm)	B (mm)	C (mm) max.	D (mm)	E (mm)	t / 90°	L (m)	max. kg
110°	115	105	50	80	660	13s	1,0	400
							1,5	350
							2,0	300
							2,5	250
							3,0	200
100°	120	120	70	80	660	14s	1,0	400
							1,5	350
							2,0	300
							2,5	250
							3,0	200
90°	135	135	80	80	660	19s	1,0	400
							1,5	350
							2,0	300
							2,5	250
							3,0	250

DX324
DX524
DX424SA
DX350UF
DX400UF

End shut-off
Via integrated end switch, via integrated end stops (DX324/DX350UF)

Gate locking
Electrical lock for pillar and ground locking, necessary from leaf widths larger than 2500 mm

Gate release
On the opener

Radio remote control
4-button hand transmitter included in delivery. Frequency: 868 MHz

Convenient control board
With various control board variants

Soft-Start / Soft-Stop
For gentle, low-noise operation

Quick close function
Programmable

Adjustable power stages

Automatic closing

Connection for safety devices

Test function for safety circuit

Adjustable delay for double leaf gates

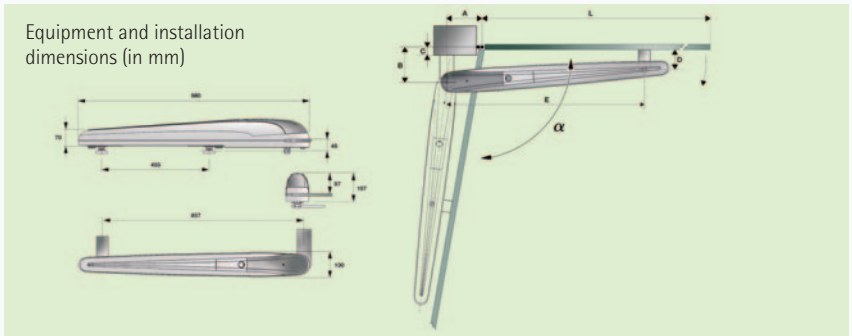
Pulse control board
(single button operation)

Cable connector for radio receiver

Single gate function

Learning of running time for opening and closing direction

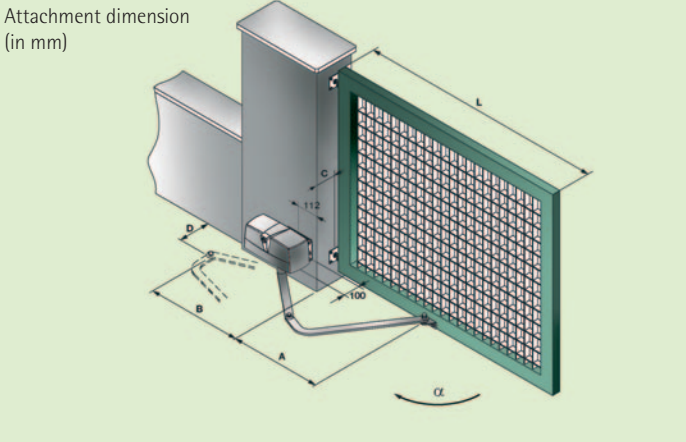
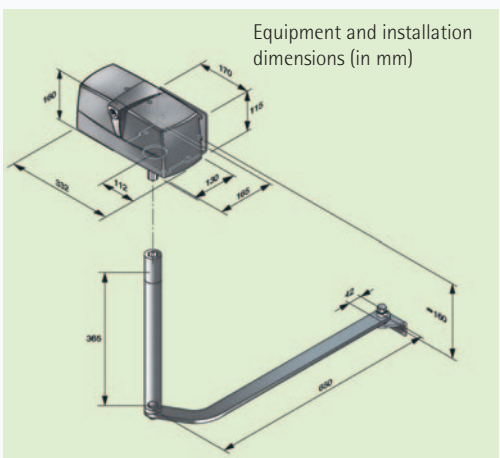
DX524



max. α	A (mm)	B (mm)	C (mm) max.	D (mm)	E (mm)	t / 90°	L (m)	max. kg
100°	150	150	90	82	845	25s	2,0 2,5 3,0 3,5	450 400 350 300
110°	175	175	110	97,5	855	30s	2,5 3,0 3,5 4,0	400 350 300 250
100°	200	200	130	118,5	850	34s	2,5 3,0 3,5 4,0 4,5 5,0	450 400 350 300 250 200
90°	225	225	150	139	852	38s	2,5 3,0 3,5 4,0 4,5 5,0	500 450 400 350 300 250

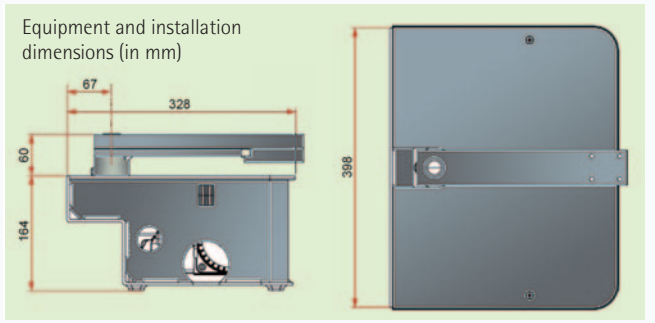
These dimensions apply to the specified gate widths with a max. height of 1.5 m.
With taller gates the next highest gate width value for the A and B dimensions must be taken.
With inclined gates (max. 5 %) the max. gate width must be reduced to 4 m.

DX424SA

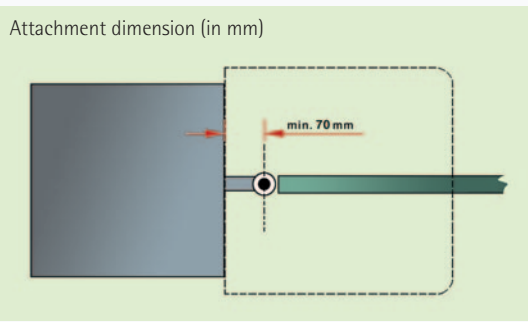
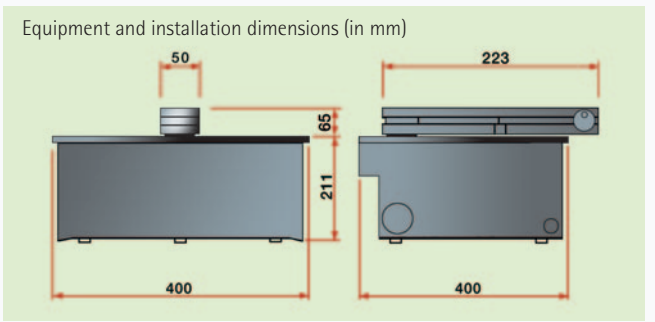


L (mm)	2000	2500	3000	3500	4000
max. kg	600	500	400	350	300
A (mm)	883	851	828	800	846
B (mm)	429	466	475	469	468
max. C (mm)	50	150	200	250	300
D (mm)	277	181	117	32	28
max. α	90°	90°	90°	90°	90°

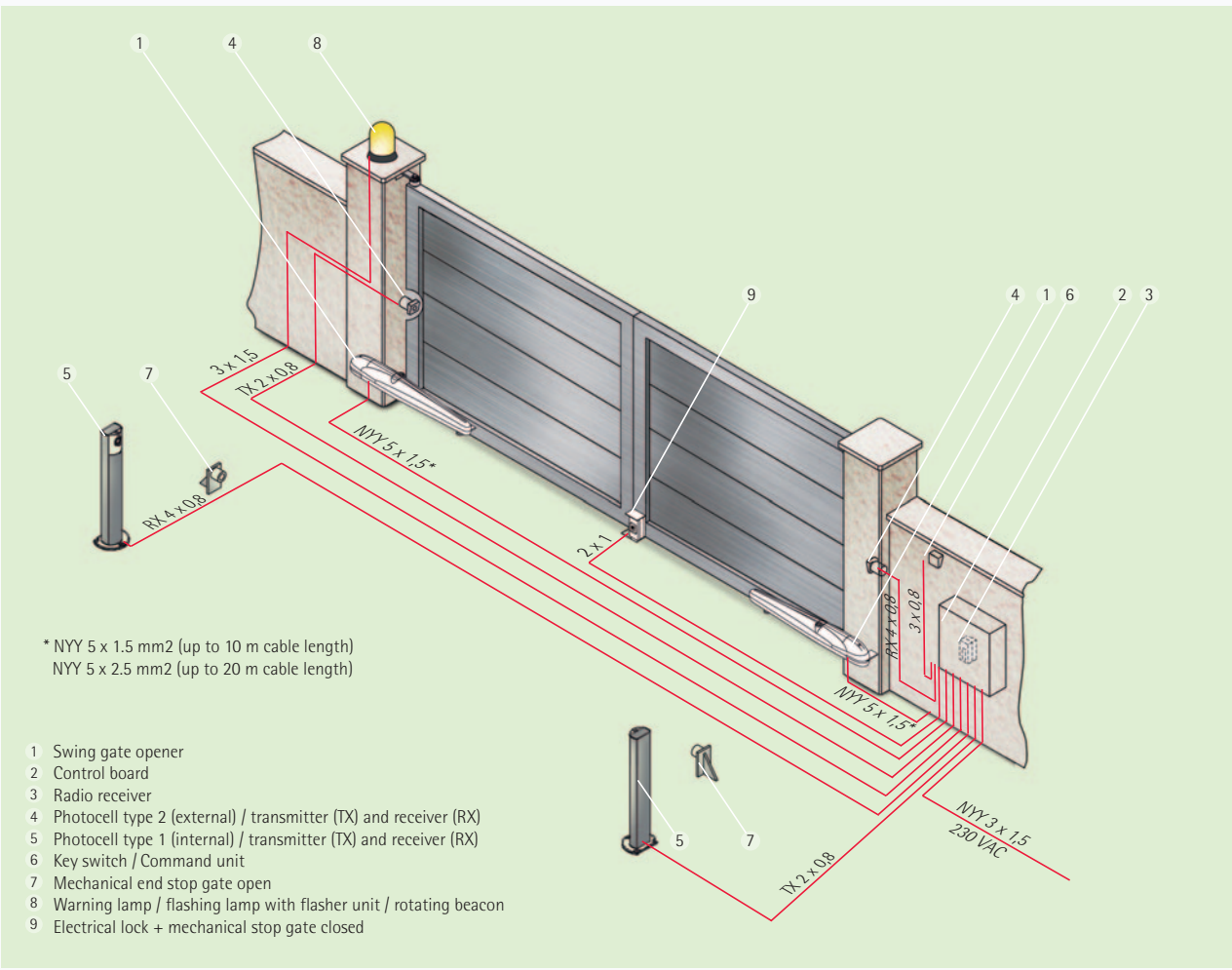
DX350UF



DX400UF



Cable laying diagram



C302 24 V
C502 24 V
C802 24 V

- Power 0,2 kW
- End shut-off
In closed position of the gate via an integrated reed switch in open position of the gate programmable
- Gate release On the opener
- Installation height adjustable for fast installation
- Motor 24 V direct current motor with self-locking gear, protection class IP 44
- Radio remote control 4-button hand transmitter included in delivery, Frequency: 868 MHz
- Microprocessor control board with double-7-segment display
- Soft-Start / Soft-Stop
For gentle, low-noise operation
- Automatic shutdown
Force limitation for both running directions, self learning and self checking
- Automatic closing
Individually adjustable (photocell required)

- Connection for safety devices
(8k2 closing border protection, photocell, stop circuit)
- Partial opening function
- Optional relay for warning lamp or end position signal gate closed
- Attention: Not suitable for rising gates

Overview of the 24 V sliding gate openers

Typ	C302	C502	C802
Max. gate weight	300 kg	500 kg	800 kg
Max. width of gate leaf	6 m	8 m	10 m
Max. height of gate leaf	2 m	2 m	2 m
Max. pull and push force	800 N	1200 N	1400 N
Nominal force	160 N	240 N	280 N
Motor voltage	24 V DC	24 V DC	24 V DC
Max. gate running speed	220 mm / sec.	200 mm / sec.	150 mm / sec.
Engine power	0,2 kW	0,2 kW	0,2 kW
Temperature range	-20 °C - +60° C	-20 °C - +60° C	-20 °C - +60° C
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Max. cycles (hrs/day)	5/20	10/40	10/40

CX1024 24 V
CX1400 230 V with frequency converter
CX2200 230 V with frequency converter
CX2500 230 V with frequency converter

- Motor protection Integrated thermal cutout
- Gate release standard emergency release on the opener in the event of a power failure
- Gear
Reduction gear with maintenance free permanent lubrication
- Installation
Precise adaptation through height adjustable installation base plate
- End shut-off
Contactless and adjustable magnetic end switch
- Convenient control board with various control board variants
- Soft-Start / Soft-Stop
For gentle, low-noise operation
- Quick close function programmable
- Power stages adjustable
- Automatic closing
- Connection possibility for safety devices
- Test function of the safety circuits
- Pulse control board (single button operation)
- Cable connector for radio receiver
- Single gate function
- Learning of running time for opening and closing direction

- Brake function adjustable
- Input for external control devices
e.g. buttons, key switches, transponders etc.
- Attention: CX1024 and CX1400 are not suitable for rising gates

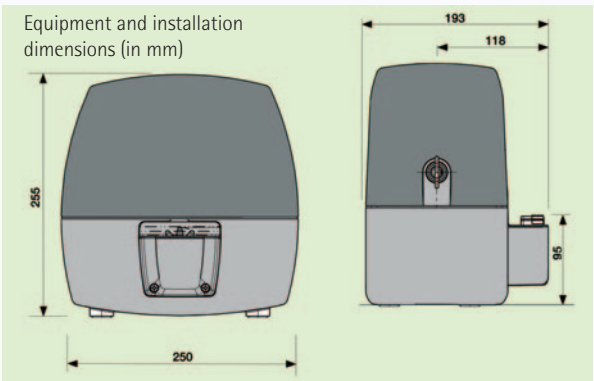
Overview of the 24 V / 230 V sliding gate openers

Typ	CX1024	CX1400	CX2200	CX2500
Max. gate weight	1000 kg	1400 kg	2200 kg	2500 kg
Max. width of gate leaf	10 m	12 m	13 m	15 m
Max. height of gate leaf	2 m	2 m	2 m	2 m
Max. pull and push force	900 N	1400 N	1660 N	2500 N
Nominal force	180 N	280 N	330 N	500 N
Motor voltage	24 V DC	230 V AC	230 V AC	230 V AC
Max. gate running speed	160 mm / sec.	35-260 mm / sec.	35-260 mm / sec.	80-400 mm / sec.
Engine power	0,95 kW	0,7 kW	0,65 kW	0,75 kW
Temperature range	-20 °C - +60° C	-20 °C - +60° C	-20 °C - +60° C	-20°C - +60°C
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz	230 V / 50 Hz
Max. on-time	40 %	50 %	50 %	
Max. cycles (hrs/day)*	10/100	10/100	10/100	20/250

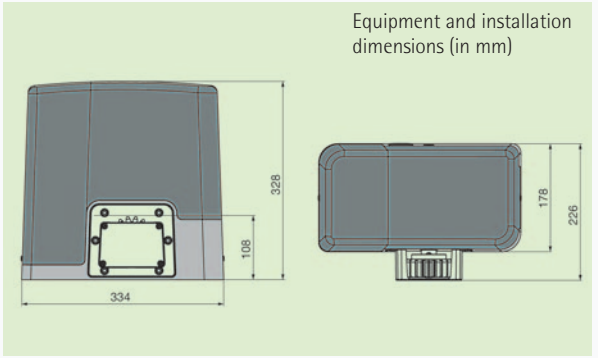
* respect the max. on-time

The weight information relates to bottom-guided sliding gates.
With cantilever gates subtract 20% from the max. gate weight.
With rising gates an individual technical clarification is necessary (radial buffer required)

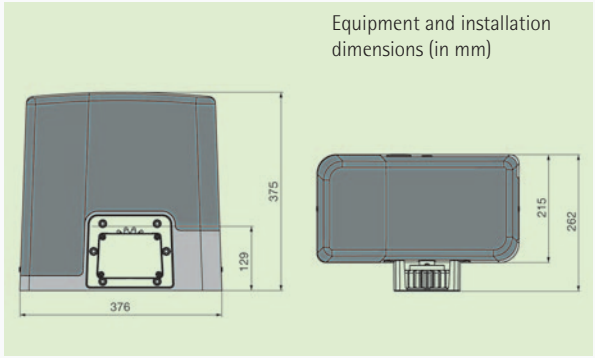
C302/C502/C802



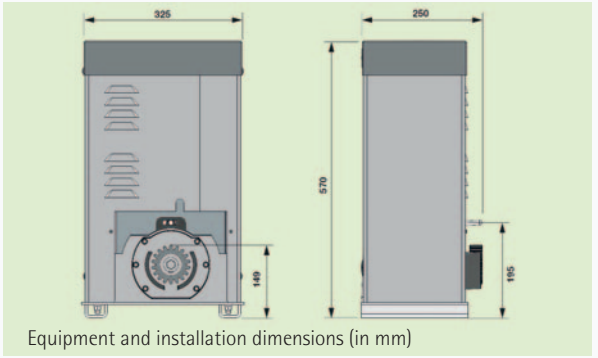
CX1024/CX1400



CX2200



CX2500



Cable laying diagram CX1024/CX1400/CX2200/CX2500

