

AUTOMATIC BARRIERS



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Selection guide

Automatic barriers

The table summarizes the series and models with their corresponding operating limits according to maximum net clearance width.

Series	Model	Max. net clearance width (m)
GARD	G2500	2.5
GARD 3250	G3250	3.25
GARD	G3750	3.75
GARD	G3751	3.75
*GARD PT Brushless	803BB-0330	3.8
*GARD PX Brushless	803BB-0120	3.8
GARD	G4000	4
GARD	G4001	4
GARD GT4	803BB-0160	4
GARD GT4	803BB-0280	4
GARD GT4	803BB-0240	4
GARD GT4	803BB-0260	4
GARD 5000	G5000	5
GARD	G6000	6
GARD	G6001	6
GARD	G6500	6.5
GARD	G6501	6.5
GARD GT8	803BB-0180	7.8
GARD GT8	803BB-0290	7.8
GARD GT8	803BB-0250	7.8
GARD GT8	803BB-0270	7.8
GARD 12	G12000K	12

● 230 V AC ● 24 - 36 V DC
*CONTINUOUS DUTY

Parking guard and chain barrier

The tables summarize the series and models with their respective operating limits according to the maximum width of the parking place or the maximum clearance width.

Series	Model	Max clearance width of parking space (m)
UNIPARK	UNIP + ARK1	2
UNIPARK	UNIP + ARK2	2.45

Series	Model	Max. net clearance width (m)
CAT	CAT-X + CAT-I + CAT-5	8
CAT	CAT-X24 + CAT-I + CAT-5	8
CAT	CAT-X + CAT-I + CAT-15	16
CAT	CAT-X24 + CAT-I + CAT-15	16

● 230 V AC ● 24 V DC



SINGLE BARRIERS FOR SINGLE HOMES

CAME barriers can be used to control small apartment building parking facilities.



HEAVY-DUTY SINGLE OR DOUBLE BARRIERS

You can manage heavily trafficked parking facilities such as at company parking lots, auto dealerships or even private parking areas.



PARKING-FACILITY BARRIERS

The simple, practical solution for controlling transit flows in pay-to-park areas.



BARRIERS FOR VERY WIDE CLEARANCES

CAME barriers are used even for passages where special or oversized vehicles transit.



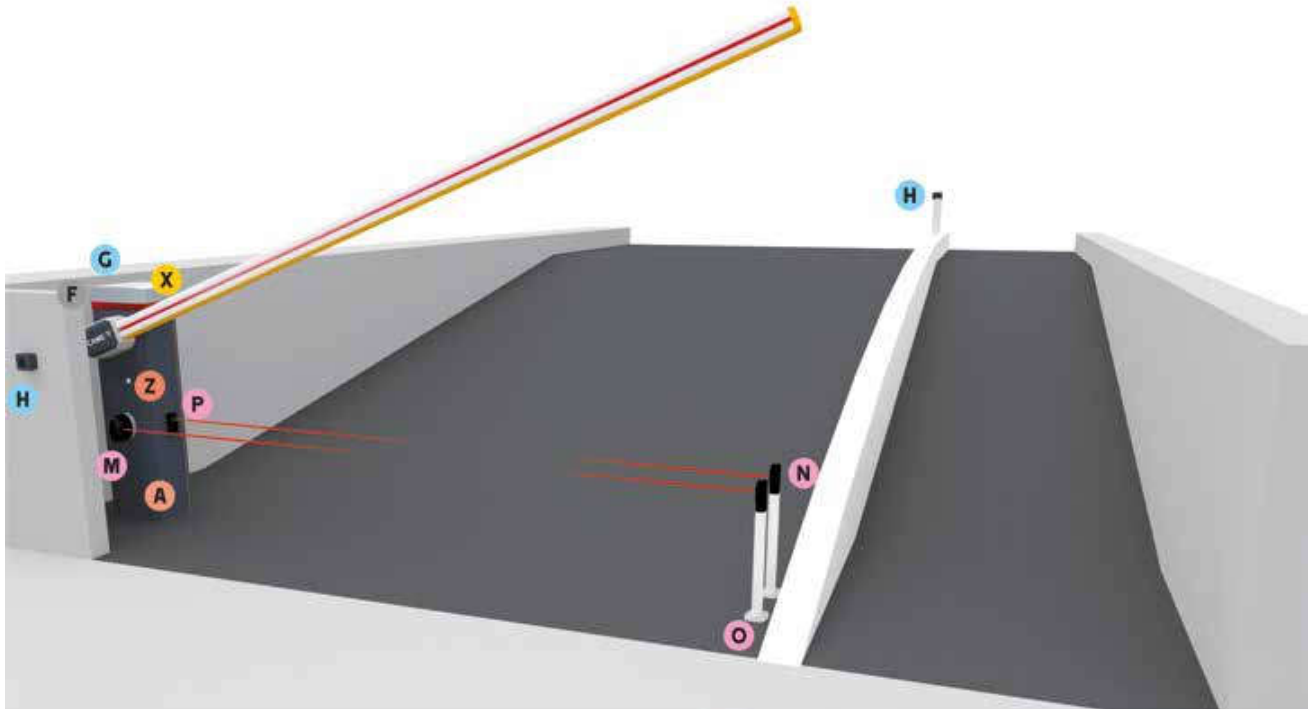
FOR SINGLE PARKING SPACES

Ideal for apartment-building parking facilities or for authorized staff parking.



FOR MULTIPLE PARKING SPACES

Ideal for small apartment-blocks or when a low-profile barrier is required.



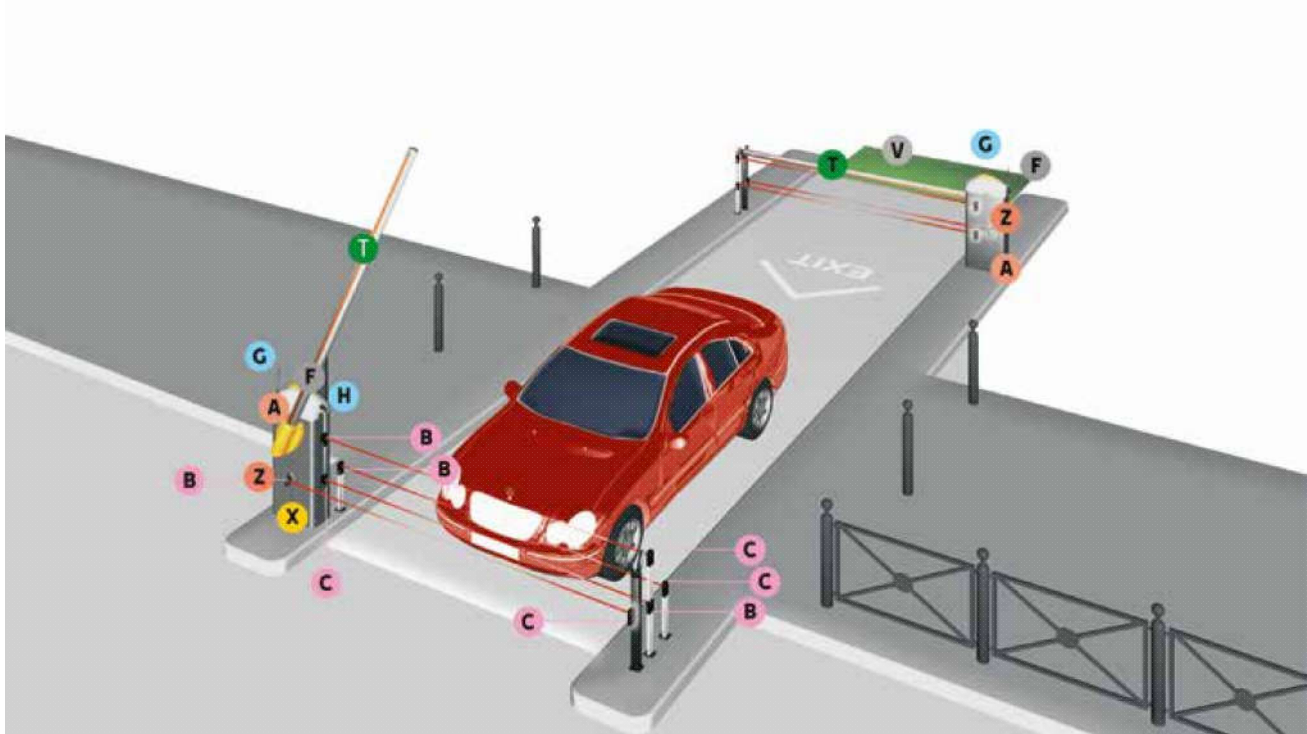
COMPONENTS

- A** Barrier
- F** Flashing light
- G** Antenna
- H** Control switch
(Key – Code – Card or transponder fob)
- M** TX Photocells
- N** TX Photocells
- O** RX Photocells
- P** RX Photocells
- X** Radio frequency card
- Z** Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
TX Photocells	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
RX Photocells	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Antenna		RG58 max 10 m	

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

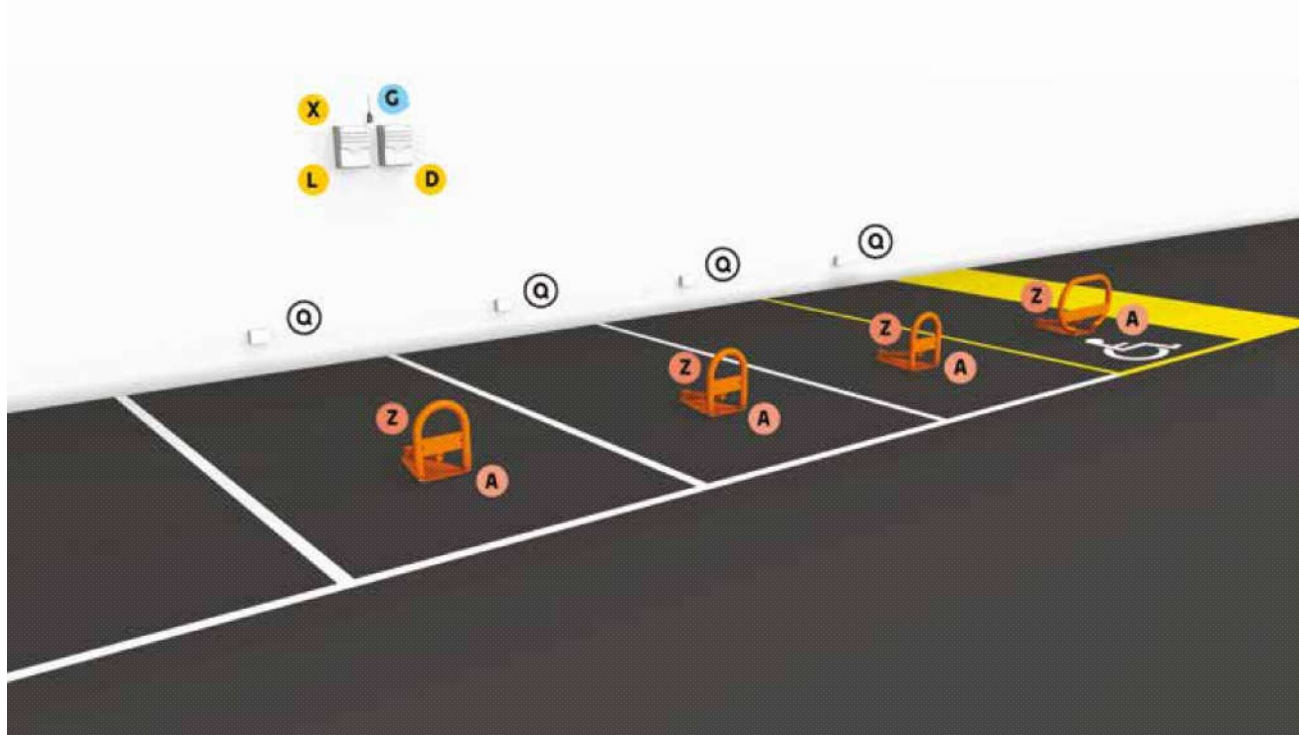
- A Barrier
- B TX Photocells
- C RX Photocells
- F Flashing light
- G Antenna
- H Control switch
(Key – Code – Card or transponder fob)
- T Boom with luminous cord
- X Radio frequency card
- V Metal mass detector sensor
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
TX Photocells	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
RX Photocells	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Antenna		RG58 max 10 m	

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

PARKING GUARD



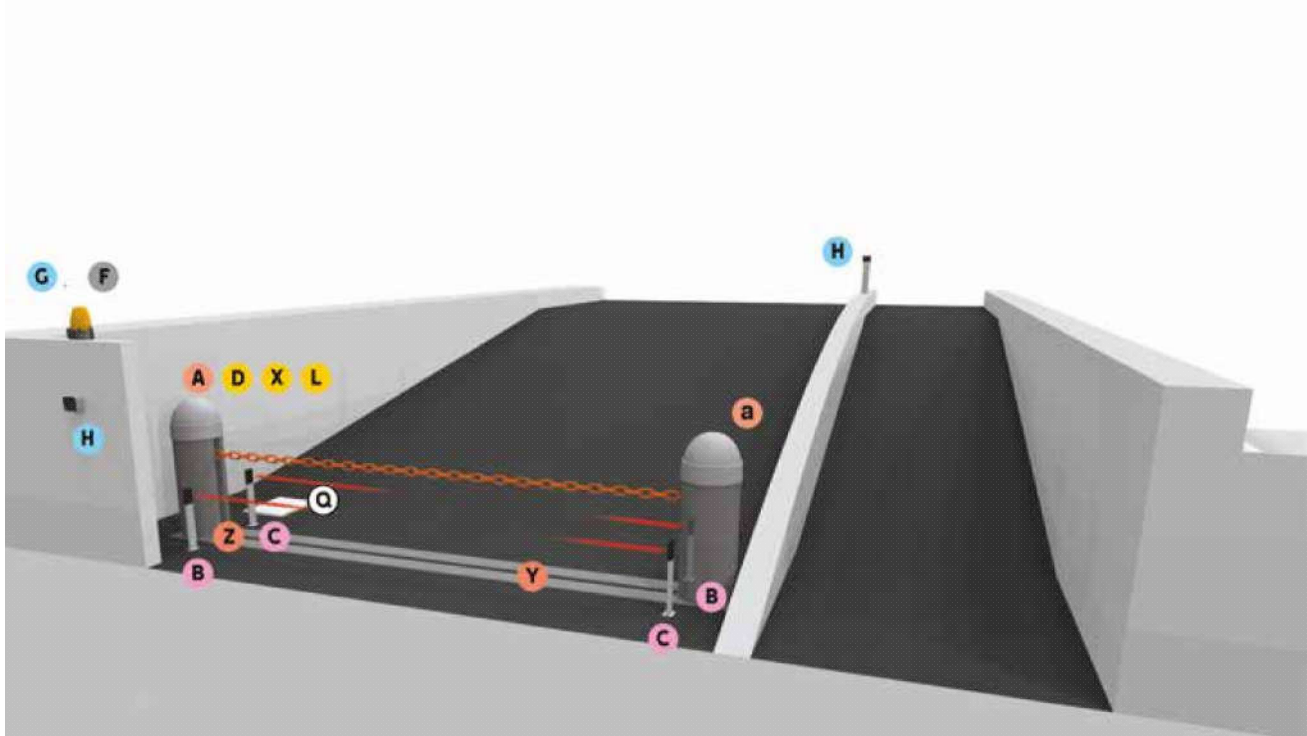
COMPONENTS

- A Gearmotors
- D Control card for operating during power outages
- G Antenna
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

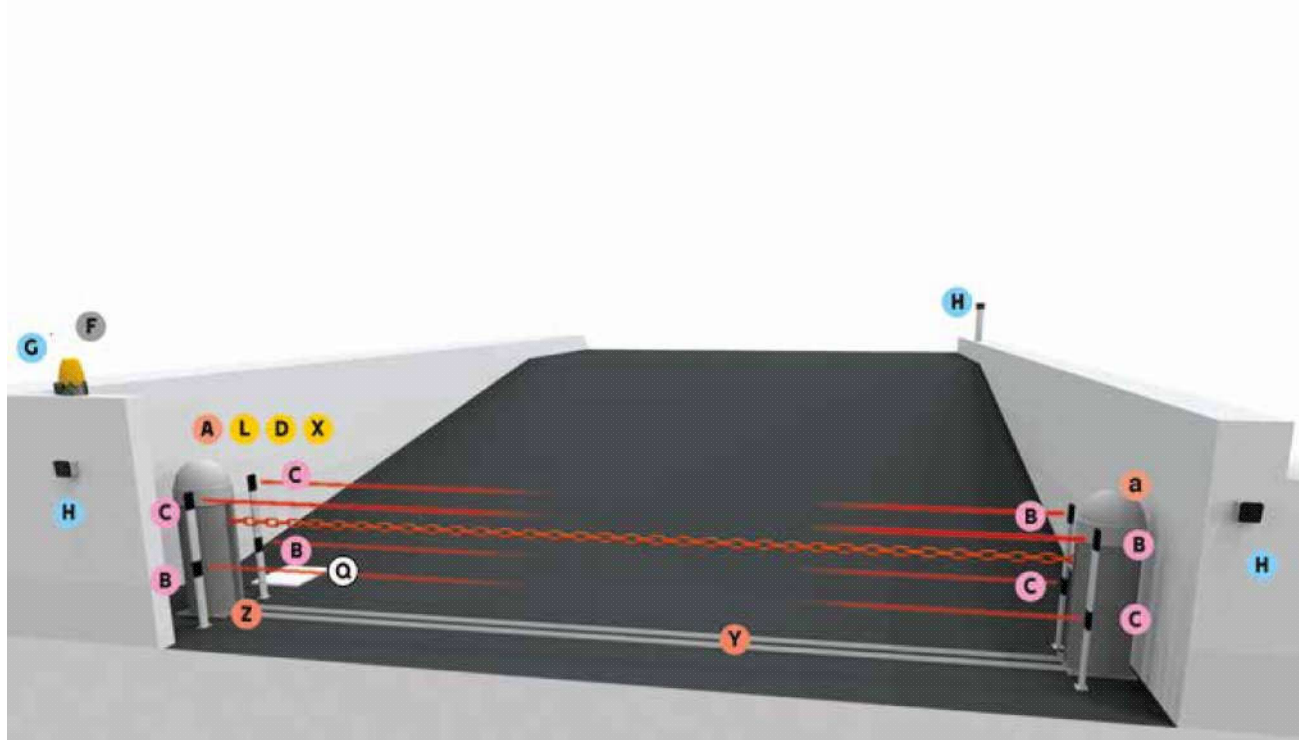
- A** Post with gearmotor
- a** Post with counter-weight and chain latch
- B** TX Photocells
- C** RX Photocells
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Control switch
(Key – Code – Card or transponder fob)
- L** Control panel
- Q** Junction box
- X** Radio frequency card
- Y** Outer chain-protecting guide
- Z** Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
TX Photocells	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
RX Photocells	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Antenna		RG58 max 10 m	

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

CHAIN BARRIER WITH TWO-LEVEL PHOTOCELLS



COMPONENTS

- A** Post with gearmotor
- a** Post with counter-weight and chain latch
- B** TX Photocells
- C** RX Photocells
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Control switch
(Key – Code – Card or transponder fob)
- L** Control panel
- Q** Junction box
- X** Radio frequency card
- Y** Outer chain-protecting guide
- Z** Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
TX Photocells	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
RX Photocells	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Antenna		RG58 max 10 m	

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



DXR

**ADJUSTABLE
INFRARED
PHOTOCELLS ALSO
AVAILABLE FOR CXN
BUS SYSTEMS**

FIND OUT MORE ON PAGE 266

CAME 

CAME.COM



GARD GT4

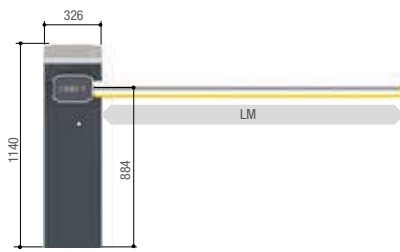
Net clearance up to 4 m



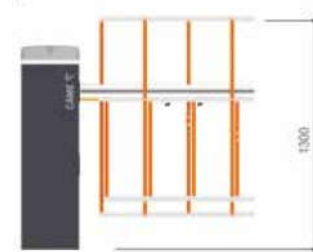
Ideal solution for heavy-duty service on driveway

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 300 cycles/hour with MCBF 3 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 and AISI 316 steel, or in customized color.
- Control board with display, CONNECT technology and inputs for CXN BUS accessories.
- Accessories that can be integrated directly into the cabinet.
- High visibility red/green LEDs on the crown and on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

Dimensions (mm)



LM = Max. net clearance width



803XA-0350

Operational limits

MODELS	803BB-0160	803BB-0280	803BB-0240	803BB-0260
Max. net clearance width (m)	4	4	4	4

Technical characteristics





MODELS	803BB-0160	803BB-0280	803BB-0240	803BB-0260
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Power (W)	240	240	240	240
Opening time at 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6	2 ÷ 6
Cycles/Hour	300	300	300	300
Operating temperature (°C)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)

● 24 V DC

Code	Description
230 V AC barriers with encoder and 24 V DC operator and built-in control panel	
803BB-0160 	GGT40AGS - Automatic barrier with 24 V DC irreversible operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing spring included.
803BB-0280 	GGT40ACS - Automatic barrier with 24 V DC irreversible operator with encoder; galvanized steel cabinet with customized RAL painting and set up for fitting accessories. Balancing spring included.
803BB-0240 	GGT40AX4 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing spring included.
803BB-0260 	GGT40AX6 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 316 satin-finish steel cabinet with set up for fitting accessories. Balancing spring included.



THE COMPLETE RANGE

Code	Description
Accessories for barriers	
803XA-0270 	White painted aluminum boom, 90 x 60 mm, with internal reinforcement, groove cover-strip and shock-proof rubber profile. Length: 4220 mm.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
803XA-0300 	Auxiliary contacts unit for detecting the boom position
803XA-0280 	Luminous red/green LED crown.
001 G02802	Support for fitting DIR-series photocells.
803XC-0020 	Modbus TCP/RTU bridge for integration with third party systems.
001 PSRT01	Heater kit with thermostat.



NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

Code	Description
Accessories for: 803XA-0270	
803XA-0320 	Detachable boom attachment. After impact, the extremity of the detached boom rests onto the ground.
803XA-0310 	HD (Heavy Duty) joint for 90 x 60 m boom.
001 G02807	Fixed rest.
803XA-0360 	Magnetic lock for boom and fixed support.
803XA-0330 	Swing rest.
803XA-0340 	Painted aluminum skirt. 1720 mm module complete with junction brackets.
803XA-0350 	Full height skirt in painted aluminum. 1720 mm module, H =1300 mm, complete with junction brackets.
803XA-0440 	Swing rest - skirt support bracket.
001 G02809	Package of 20 red, reflective, adhesive strips.
803XA-0020	Red/green LED strips for booms up to 4-m long.
803XA-0150	Red/green LED strip for booms up to 3 m long.
803XA-0160	Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.
803XA-0190	LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).
803XA-0450 	Steel support for road signs.



ATTENTION

803XA-0340 - Standard skirt:

- Max. 2 modules for 4-meter boom.

803XA-0350 - Full height skirt:









- Max. 2 modules for 4-meter boom.

When the passage width clearance is greater than 3 m, it is compulsory to use a boom rest to support it (fixed or movable).

With boom over 3.5 meters, LED strip and single skirt it is mandatory to use the fixed support.

With boom over 3.25 meters, LED strip and full-height skirt it is mandatory to use the fixed support.

THE COMPLETE RANGE

Code	Description
24 V DC accessories for barriers	
803XA-0290  	Control card kit for operating during power outages and for recharging batteries, with battery housing.
806XG-0030  	Opening and safety detector with laser technology.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.
Accessories for: 806XG-0030	
818XG-0019	Remote control for opening and safety detector.
806XG-0050 	Steel support for opening detector and barrier safety.
806XG-0040 	24 V DC power supply for opening and safety detector.

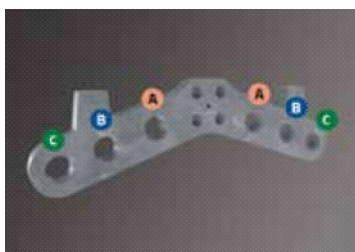


NOTES:
 803XA-0290 - No. 2 12 V – 7 Ah batteries, not supplied.

GUIDE TO POSITIONING THE BALANCING SPRING

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)				
	2,25 < 2,75	2,75 < 3,25	3,25 < 3,50	3,50 < 3,75	3,75 < 4,00
Boom with LED strip	A	A	A	B	B
Boom with LED strip and single skirt	A	B	B	C	C
Boom with LED strip and full-height skirt	A	B	C	C	C*
Boom with LED strip and swing rest	-	-	B	B	C
Boom with LED strip, single skirt and swing rest	B	B	C	C*	-
Boom with LED strip, full-height skirt and swing rest	B	C	C*	-	-

* The boom must be stabilized at 60° opening during the balancing procedure.



FITTED FOR BALANCING SPRING

Point A, B and C are the springs' fastening points, depending on the clearance width.

The spring attachment points A, B and C refer to the table above.



SINGLE SPRING BALANCING

CAME's R&D department has developed a practical variable balancing system, which allows using a single spring that can be connected to the balancing lever at different predefined points. It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover. All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



FULL-HEIGHT FOLDING SKIRT

Suitable for both residential and industrial use, the folding skirt is the ideal solution to prevent access by pedestrians or unauthorized vehicles. GARD GT4 can be equipped not only with a lower skirt, but also with a special full-height solution that can be fully folded to close the gate to a height of 130 cm. This accessory is made of aluminum with white/red painted strips.

GARD GT8

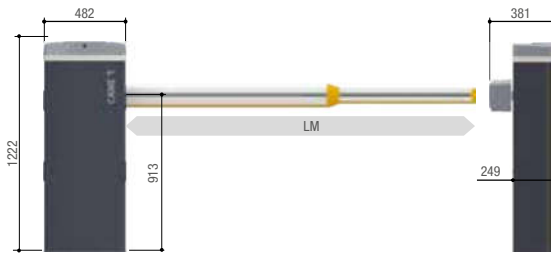
Net clearance up to 7.8 m



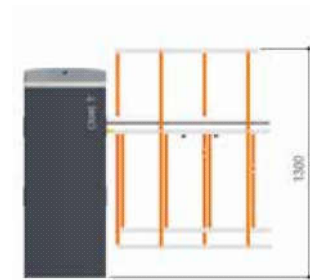
Ideal solution for applying in private homes and industrial plants

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 160 cycles/hour with MCBF 3 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 and AISI 316 steel, or in customized color.
- Control board with display, CONNECT technology and inputs for CXN BUS accessories.
- Accessories that can be integrated directly into the cabinet.
- High visibility red/green LEDs on the crown and on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

Dimensions (mm)



LM = Max. net clearance width



803XA-0350

Operational limits

MODELS	803BB-0180	803BB-0290	803BB-0250	803BB-0270
Max. net clearance width (m)	7,8	7,8	7,8	7,8

Technical characteristics








MODELS	803BB-0180	803BB-0290	803BB-0250	803BB-0270
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Power (W)	300	300	300	300
Opening time at 90° (s)	4 ÷ 8	4 ÷ 8	4 ÷ 8	4 ÷ 8
Cycles/Hour	160	160	160	160
Operating temperature (°C)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)	-20 ÷ +55 (-40 with item 001PSRT01)

● 24 V DC

Code	Description
230 V AC barriers with encoder and 24 V DC operator and built-in control panel	
803BB-0180 	GGT80AGS - Automatic barrier with 24 V DC irreversible operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing springs included.
803BB-0290 	GGT80ACS - Automatic barrier with 24 V DC irreversible operator with encoder; galvanized steel cabinet with customized RAL painting and set up for fitting accessories. Balancing springs included.
803BB-0250 	GGT80AX4 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing springs included.
803BB-0270 	GGT80AX6 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 316 satin-finish steel cabinet with set up for fitting accessories. Balancing springs included.










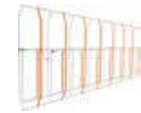
THE COMPLETE RANGE

Code	Description
Accessories for barriers	
803XA-0400 	White painted aluminum boom, 130 x 85 mm, with internal reinforcement, groove cover-strip and shock-proof rubber profile. Length: 4340 mm.
803XA-0410 	White painted aluminum boom, 130 x 85 mm, with internal reinforcement, groove cover-strip and shock-proof rubber profile. Length: 6350 mm.
803XA-0420 	White painted aluminum modular boom, complete with cap, composed by: no. 1 boom 90 x 60 L = 4220 mm, no. 1 boom 130 x 85 L = 4340 mm, no. 1 accessory for boom extension.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
803XA-0380 	Auxiliary contacts unit for detecting the boom position
803XA-0430 	Luminous red/green LED crown.
803XA-0240	Red/green LED strip for booms up to 6.5 m long.
803XA-0250 	Red/green LED strip for booms up to 8 m long.
001 G02802	Support for fitting DIR-series photocells.
803XC-0020 	Modbus TCP/RTU bridge for integration with third party systems.
001 PSRT01	Heater kit with thermostat.



NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

Code	Description
Accessories for: 803XA-0400 - 803XA-410	
803XA-0350 	Full height skirt in painted aluminum. 1720 mm module, H =1300 mm, complete with junction brackets.
Accessories for: 803XA-0400 - 803XA-0410 - 803XA-0420	
001 G02807	Fixed rest.
803XA-0360 	Magnetic lock for boom and fixed support.
803XA-0330 	Swing rest.
803XA-0340 	Painted aluminum skirt. 1720 mm module complete with junction brackets.
803XA-0390 	Detachable attachment for 130 x 85 mm boom.
001 G02809	Package of 20 red, reflective, adhesive strips.
803XA-0440 	Swing rest - skirt support bracket.
803XA-0450 	Steel support for road signs.



NOTES:
 The fixed rest for boom 001G02807 must OBLIGATORILY be used for clearance widths greater than 7 m.
 The swing rest 803XA-0330 is for a clearance width up to 7 m.

ATTENTION

803XA-0340 - Standard skirt:









- Max. 2 modules for 4-meter boom
- Max. 3 modules for 6-meter boom
- 4 modules up to max. 7-meter boom

803XA-0350 - Full height skirt:

- Max. 2 modules for 4-meter boom
- Max. 3 modules for 6-meter boom

When the passage width clearance is greater than 4 m, it is compulsory to use a boom rest to support it (fixed or movable).

THE COMPLETE RANGE

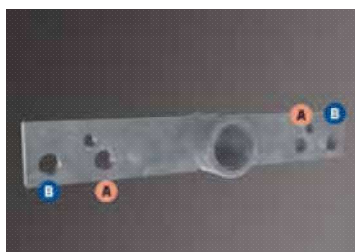
Code	Description
24 V DC accessories for barriers	
803XA-0370  	Control card kit for operating during power outages and for recharging batteries, with battery housing.
806XG-0030  	Opening and safety detector with laser technology.
009SMA 	Single.-channel magnetic sensor for detecting metal masses.
009SMA2 	Two-channel magnetic sensor for detecting metal masses.
Accessories for: 806XG-0030	
818XG-0019	Remote control for opening and safety detector.
806XG-0050 	Steel support for opening detector and barrier safety.
806XG-0040 	24 V DC power supply for opening and safety detector.



NOTES:
803XA-0370 - No. 2 12 V - 7 Ah batteries not supplied.

GUIDE TO POSITIONING THE BALANCING SPRING

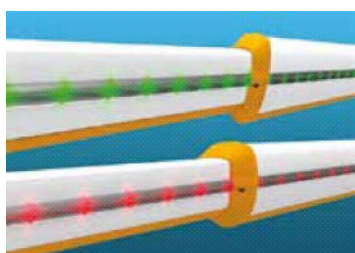
BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)						
	4,00 < 4,50	4,50 < 5,00	5,00 < 5,50	5,50 < 6,00	6,00 < 6,50	6,50 < 7,00	7,00 < 7,80
Boom with LED strip	A	A	B	A A	A A	A A	B B
Boom with LED strip and single skirt	B	A A	A A	B B	B B	B B	-
Boom with LED strip and full-height skirt	A A	A A	B B	B B	-	-	-
Boom with LED strip and swing rest	A	B	A A	A A	A A	A A	-
Boom with LED strip, single skirt and swing rest	A A	A A	A A	B B	-	-	-
Boom with LED strip, full-height skirt and swing rest	A A	B B	B B	-	-	-	-



FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.

The spring attachment points A and B refer to the table above.



LUMINOUS BOOM, MAXIMUM SAFETY

The new GARD GT8 barriers incorporate as an accessory, the luminous warning device with green or red light, depending on the position of the boom.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover. All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



FULL-HEIGHT FOLDING SKIRT

Suitable for both residential and industrial use, the folding skirt is the ideal solution to prevent access by pedestrians or unauthorized vehicles. GARD GT8 can be equipped not only with a lower skirt, but also with a special full-height solution that can be fully folded to close the gate to a height of 130 cm. This accessory is made of aluminum with white/red painted strips.

GARD PT Brushless

Net clearance up to 3,8 m

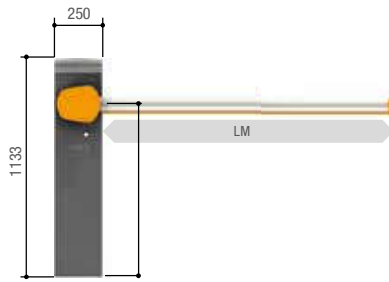


The ideal solution for passage ways with heavy transit flows

- Brushless motor for high performance and silent operation.
- Continuous use tested for 4 million cycles (MCBF - mean cycle between failures).
- Modern design with painted aluminium cabinet with rough finish.
- Available with high visibility red/green LEDs on the crown and on both sides of the boom.
- Boom casing for protection against shearing in opening and closing.
- Available accessory for boom safety release in case of impact for high traffic applications.
- Control board with display.
- Developed with CONNECT technology for remote digital control via gateway or locally via GAME KEY.



Dimensions (mm)



LM = Max. net clearance width



803XA-0180

Operational limits

MODELS	803BB-0330
Max. net clearance width (m)	3,8

Technical characteristics

MODELS	803BB-0330
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	36 DC
Absorption (A)	1,5
Power (W)	350
Opening time at 90° (s)	1,2 ÷ 4
Duty/cycle (%)	CONTINUOUS DUTY (with springs and boom up to 3.8 m) - INTENSIVE DUTY (without springs and with boom up to 2.5 m)
Operating temperature (°C)	-20 ÷ +55

● 36 V DC

Code	Description
Barriers with Brushless motor and built-in control panel	
803BB-0330	GPT40AGL - Automatic barrier with irreversible brushless gearmotor; painted aluminum cabinet.
Accessories for: 803BB-0330	
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4050 mm.
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3050 mm.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
803XA-0010	Luminous red/green LED crown.
803XA-0070	Balancing springs assembly.
803XA-0080	Auxiliary contacts assembly.



LUMINOUS BOOM, MAXIMUM SAFETY

The new GARD PT Brushless barriers let you install, as an accessory, the special luminous crown that uses red and green light to signal the boom's position.

THE COMPLETE RANGE

Code Description

Accessories for: 803XA-0050 - 803XA-0051

803XA-0020 Red/green LED strips for booms up to 4-m long.

803XA-0150 Red/green LED strip for booms up to 3 m long.

803XA-0160 Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.

803XA-0190 LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).

803XA-0180 HD (Heavy Duty) joint for 90 x 35 mm boom.

803XA-0040 Detachable boom attachment.
In case of impact, the boom falls to the ground due to the breaking of the dedicated fixing screws.

001**G02807** Fixed rest.

001**G02809** Package of 20 red, reflective, adhesive strips.

24 V accessories for: 803BB-0330

806SA-0080 Control card kit for operating during power outages and for recharging batteries, with battery housing.

009**SMA** Single.-channel magnetic sensor for detecting metal masses.

009**SMA2** Two-channel magnetic sensor for detecting metal masses.



SPRING SELECTION GUIDE FOR 803XA-0050 BOOM

MAXIMUM NET CLEARANCE WIDTH	OPENING TIME	DUTY TYPE	803XA-0070 SPRING ASSEMBLY
< 2,5	1,2 - 2,5	INTENSIVE	-
2,5 - 2,7	1,2 - 2,5	CONTINUOUS	YES
2,5 - 3,8*	2,5 - 4	CONTINUOUS	YES

ATTENTION

* For maximum clearances greater than 3 m, you must use the G02807 fixed rest.

GARD PX Brushless

Net clearance up to 3,8 m

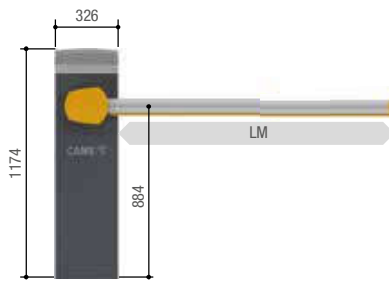


Specific solution for parking facilities and intensive duty cycles

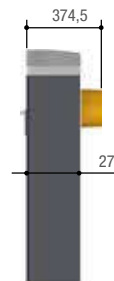
- Brushless motor for high performance and silent operation.
- Continuous use tested for 10 million cycles (MCBF - mean cycle between failures).
- Modern design with galvanized steel cabinet with rough finish.
- Extended range power supply 120 - 230 V AC for energy saving in stand-by mode.
- Boom casing for protection against shearing in opening and closing.
- Available with high visibility red/green LEDs on the crown and on both sides of the boom.
- Available accessory for boom safety release in case of impact for high traffic applications.
- Control board with display.
- Developed with CONNECT technology for remote digital control via gateway or locally via GAME KEY.



Dimensions (mm)



LM = Max. net clearance width



803XA-0180

Operational limits

MODELS	803BB-0120
Max. net clearance width (m)	3,8

Technical characteristics




MODELS	803BB-0120
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	100 AC ÷ 240 AC
Power supply to motor (V)	36 DC
Power (W)	270
Opening time at 90° (s)	1 ÷ 2
Duty/cycle (%)	CONTINUOUS SERVICE
Operating temperature (°C)	-20 ÷ +55 (-40 with item 001PSRT)

● 36 V DC

Code	Description
Barriers with Brushless motor and built-in control panel	
803BB-0120 	GPX40MGS - Automatic barrier with brushless gearmotor; painted galvanized steel cabinet.
Accessories for: 803BB-0120	
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4050 mm.
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3050 mm.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
803XA-0140	Luminous red/green LED crown.
803XA-0200	Auxiliary contacts assembly.
803XA-0260	Heating system for GARD PX.
Balancing springs	
001 G02040	Balancing spring Ø 40 mm.
001 G04060	Balancing spring Ø 50 mm.
001 G06080	Balancing spring Ø 55 mm.



THE COMPLETE RANGE

Code	Description
Accessories for: 803XA-0050 - 803XA-0051	
803XA-0020	Red/green LED strips for booms up to 4-m long.
803XA-0150	Red/green LED strip for booms up to 3 m long.
803XA-0160	Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.
803XA-0190	LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).
803XA-0180	HD (Heavy Duty) joint for 90 x 35 mm boom.
803XA-0170	Detachable boom attachment. In case of impact, the boom falls to the ground due to the breaking of the dedicated fixing screws.
001 G02807	Fixed rest.
001 G02809	Package of 20 red, reflective, adhesive strips.
24 V accessories for: 803BB-0120	
806SA-0100 	Control card kit for operating during power outages and for recharging batteries, with battery housing.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.

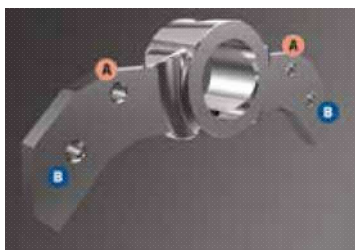


SPRING SELECTION GUIDE FOR 803XA-0050 – 803XA-0051 BOOM

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm			
	LATERAL CLEARANCE WIDTH (m)			
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,75
SPRING FASTENING HOLE	A	B	A	B
Boom with shock-resistant fender	●	●	●	●
Boom with shock-proof profile and LED strip	●	●	●	●

ATTENTION

* For maximum clearances greater than 3 m, you must use the G02807 fixed rest.



FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.

The spring attachment points A and B refer to the table above.

IMPORTANT:

In case of installation of the 803XA-0180 joint, consult the technical manual for selecting the spring.



LUMINOUS BOOM, MAXIMUM SAFETY

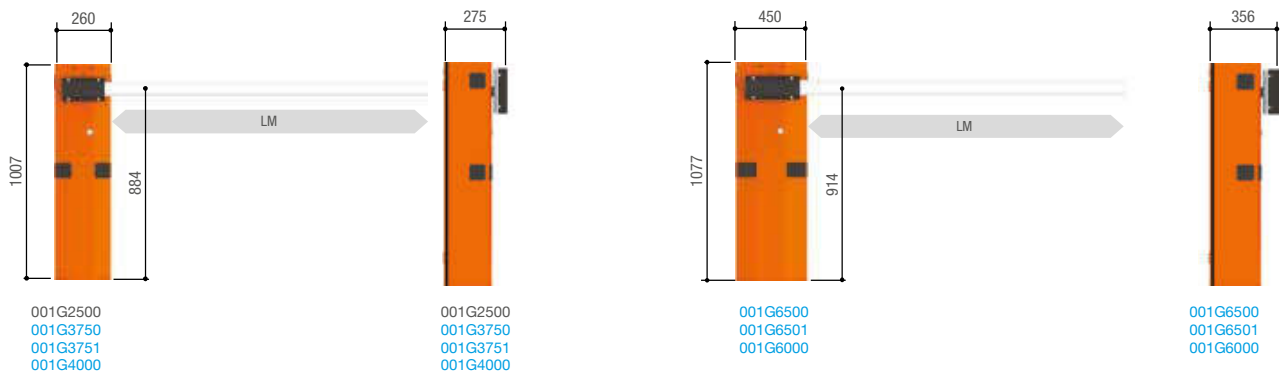
The new GARD PX Brushless barriers let you install, as an accessory, the special luminous crown that uses red and green light to signal the boom's position.



Ideal solution for use in apartment buildings and industrial plants

- 24 V DC gearmotor ideal to ensure heavy-duty service levels.
- Linear design with galvanized steel cabinet with RAL 2004 rough finish.
- Also available made of AISI 304 steel (item G3751 - G6501).

Dimensions (mm)



LM = Max. net clearance width

Operational limits

MODELS	G2500	G3750	G3751	G6500	G6501	G4000	G4001	G6000	G6001
Max. net clearance width (m)	2,5	3,75	3,75	6,5	6,5	4	4	6,5	6,5

Technical characteristics

MODELS	G2500	G3750	G3751	G6500	G6501	G4000	G4001	G6000	G6001
Protection rating (IP)	54	54	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	1	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.
Power (W)	220	300	300	300	300	300	300	300	300
Opening time at 90° (s)	4	2 ÷ 6	2 ÷ 6	4 ÷ 8	4 ÷ 8	2 ÷ 6	2 ÷ 6	4 ÷ 8	4 ÷ 8
Duty/cycle (%)	30	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	70	200	200	600	600	200	200	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	-	-	-	-	-	-	-	-

Code	Description
Barriers with 230 V AC gearmotors and built-in control panel	
001 G2500	Barrier made of painted, galvanized steel.
Accessories for: 001G2500	
001 G0251	White painted aluminum boom with end cap. Section 60 x 40 mm, boom length: 2.7 m.
Accessories for: 001G0251	
001 G0257	Boom joint.
001 G0461	Package of 24 red, reflective, adhesive strips.
001 G02807	Fixed rest.



Applications

Fits the 001G2500





001G0257

Fits the 001G3750 - 001G3751



803XA-0220

THE COMPLETE RANGE

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G3750 	Galvanized, painted steel and set up for fitting accessories.
001 G3751 	Barrier made of satin-coated AISI 304 stainless steel, set up for fitting accessories.
Accessories for: 001G3750 - 001G3751	
001 G03750	Semi-oval section boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.
001 G0402	Tube section barrier made of white, painted aluminum. Ø 60 mm, boom length: 4.2 m.
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).
001 PSRT01	Heater kit with thermostat.
Balancing springs	
001 G02040	Balancing spring Ø 40 mm.
001 G04060	Balancing spring Ø 50 mm.
001 G06080	Balancing spring Ø 55 mm.
Accessories for: 001G03750 - 001G0402	
001 G0465	Painted aluminum skirt (modules L = 2 m).
001 G02807	Fixed rest.
001 G02808	Swing rest.



Code	Description
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Accessories for: 001G03750

001 G03756	Inner reinforcement for semi-oval section barrier; indispensable for gross clearances exceeding 2.5 m.
803XA-0220	HD (Heavy Duty) semi-elliptical boom joint.
001 G028401	Yellow luminous cord with white LEDs.
001 G028402	Cable for connecting the luminous cord.
803XC-0010	Red/green LED STRIP interface.
803XA-0020	Red/green LED strips for booms up to 4-m long.
803XA-0150	Red/green LED strip for booms up to 3 m long.
803XA-0160	Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.
803XA-0190	LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).
001 G02809	Package of 20 red, reflective, adhesive strips.





24 V accessories for: 001G3750 - 001G3751

002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.






NOTES:
002LB38 - No. 3 12 V – 7 Ah batteries, not supplied.

THE COMPLETE RANGE

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G6500 	Galvanized, painted steel and set up for fitting accessories.
001 G6501 	Barrier made of satin-coated AISI 304 stainless steel, set up for fitting accessories.
Accessories for: 001G6500 - 001G6501	
001 G0602	White, painted aluminum, tube-section boom. Ø 100 mm, boom length: 6.85 m.
001 G06850	White, painted aluminum, tube-section boom, with rubber groove covering profile and internal reinforcement. Ø 100 mm, boom length: 6.85 m.
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).
001 PSRT01	Heater kit with thermostat.
Balancing springs	
001 G02040	Balancing spring Ø 40 mm.
001 G04060	Balancing spring Ø 50 mm.
001 G06080	Balancing spring Ø 55 mm.
Accessories for: 001G0602 - 001G06850	
001 G0465	Painted aluminum skirt (modules L = 2 m).
001 G02807	Fixed rest.
001 G02808	Swing rest.



Code	Description
Accessories for: 001G06850	
001 G028401	Yellow luminous cord with white LEDs.
001 G028402	Cable for connecting the luminous cord.
803XC-0010	Red/green LED STRIP interface.
803XA-0230	Red/green LED strip for booms up to 5 m long.
803XA-0240	Red/green LED strip for booms up to 6.5 m long.
001 G02809	Package of 20 red, reflective, adhesive strips.
24 V accessories for: 001G6500 - 001G6501	
002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.





NOTES:
002LB38 - No. 3 12 V – 7 Ah batteries, not supplied.

THE COMPLETE RANGE

Code Description

Barriers with 24 V DC gearmotor and built-in control panel

001 G4000 	Galvanized, painted steel and set up for fitting accessories.
001 G4001 	Barrier made of satin-coated AISI 304 stainless steel, set up for fitting accessories.

Accessories for: 001G4000 - 001G4001

001 G0401	White painted aluminum boom with end cap. Section 60 x 40 mm, boom length: 4.2 m.
001 G0402	Tube section barrier made of white, painted aluminum. Ø 60 mm, boom length: 4.2 m.
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).

Accessories for: 001G0401 - 001G0402

001 G0465	Painted aluminum skirt (modules L = 2 m).
001 G0462	Fixed rest.
001 G0463	Swing rest.
001 G0461	Package of 24 red, reflective, adhesive strips.




Accessories for: 001G0401

001 G0403	Red rubber shock-proof edge with end caps.
001 G0460	Pack of six 24 V light bulbs.
001 G0467	Boom joint.

Accessories for: 001G0402

001 G0405	Fastening flange.
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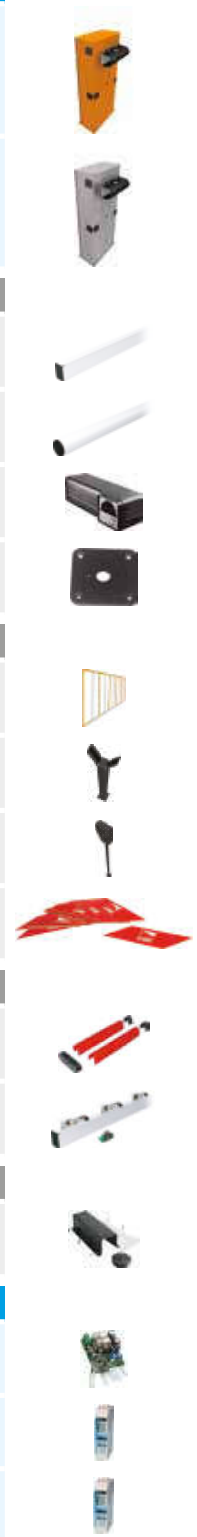
24 V accessories for: 001G4000 - 001G4001

002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.



NOTES:
002LB38 - No. 3 12 V - 7 Ah batteries, not supplied.

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G6000 	Galvanized, painted steel and set up for fitting accessories.
001 G6001 	Barrier made of satin-coated AISI 304 stainless steel, set up for fitting accessories.
Accessories for: 001G6000 - 001G6001	
001 G0601	White painted aluminum boom with end cap. Section 40 x 100 mm, boom length: 6.85 m.
001 G0602	White, painted aluminum, tube-section boom. Ø 100 mm, boom length: 6.85 m.
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).
Accessories for: 001G0601 - 001G0602	
001 G0465	Painted aluminum skirt (modules L = 2 m).
001 G0462	Fixed rest.
001 G0463	Swing rest.
001 G0461	Package of 24 red, reflective, adhesive strips.
Accessories for: 001G0601	
001 G0603	Red rubber shock-proof edge with end caps.
001 G0460	Pack of six 24 V light bulbs.
Accessories for: 001G0602	
001 G0605	Fastening flange.
24 V accessories for: 001G6000 - 001G6001	
002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.



NOTES:
002LB38 - No. 3 12 V – 7 Ah batteries, not supplied.

001G3750 - 001G3751

Spring Selection Guide for 001G0402 boom

MODELS ● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)			
	1,5 ÷ 2	2 ÷ 2,5	2,5 ÷ 3,5	3,5 ÷ 3,75
Boom with 001G0465 skirt or 001G2808 swing rest.	●	●	●	●
Boom with 001G0465 skirt or 001G2808 swing rest.	●	●		

001G3750 - 001G3751

Spring Selection Guide for 001G03750 boom

MODELS ● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)					
	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,25	3,25 ÷ 3,5	3,5 ÷ 3,75
Boom with shock-resistant fender	●	●	●	●	●	●
Boom with shock-resistant fender and 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 skirt	●	●	●	●	●	●
Boom with 001G028401 luminous cord and 001G0465 skirt	●	●	●	●	●	●
Boom with anti-shock profile and 001G02808 swing rest.	●	●	●	●	●	●
Boom with anti-shock profile, 001G028401 luminous cord and 001G02808 swing rest.	●	●	●	●	●	●

001G6500 - 001G6501

Spring Selection Guide for 001G06850 boom

MODELS ● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)								
	2 ÷ 2,5	2,5 ÷ 3	3 ÷ 3,5	3,5 ÷ 4	4 ÷ 4,5	4,5 ÷ 5	5 ÷ 5,5	5,5 ÷ 6	6 ÷ 6,5
Boom	●	●	●	●●	●	●●	●●	●●	●●
Boom with 001G02808 swing rest	●	●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G028401 luminous cord	●	●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G02808 swing rest and 001G028401 luminous cord	●	●●	●●	●	●●	●●	●●	●●	●●
Boom with 001G0465 skirt	●	●	●●	●	●●	●●	●●	●●	●●
Boom with 001G0465 skirt and 001G028401 luminous cord	●	●●	●●	●●	●●	●●	●●	●●	●●

ATTENTION

The 001G0468 cannot be used on barriers with booms fitted with the 001G0465 skirt or the 001G02808 swing rest.

001G02808 For lateral clearance up to 3 m (for: 001G3750 - 001G3751).

001G03756 This reinforcement is OBLIGATORY in the following cases:

- As long as the boom is fitted with the 001G028401 luminous cord.
- For passage clearances exceeding 2.5 m, with 001G02808 swing rest or with 001G0465 skirt
- For passage clearances exceeding 3 m.

001G02807 This fixed rest is OBLIGATORY for passage clearances that exceed 3 m.

GARD 3250

Net clearance up to 3,25 m

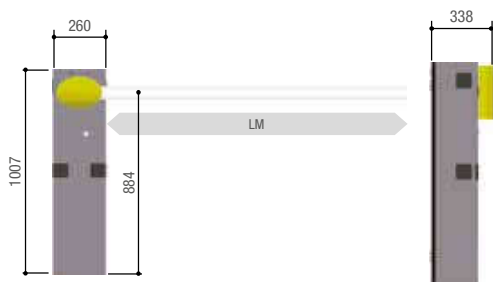
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Specific solution for parking facilities with heavy traffic

- 24 V DC gearmotor ideal to ensure heavy-duty service levels.
- Linear design with galvanized steel cabinet with rough finish.
- Flashing light and photocells that can be installed directly on the cabinet.
- Boom casing for protection against shearing in opening and closing.



Dimensions (mm)



LM = Max. net clearance width

Operational limits

MODELS	G3250
Max. net clearance width (m)	3,25

Technical characteristics

MODELS	G3250
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Absorption (A)	15 Max.
Power (W)	300
Opening time at 90° (s)	2 ÷ 6
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	200
Operating temperature (°C)	-20 ÷ +55

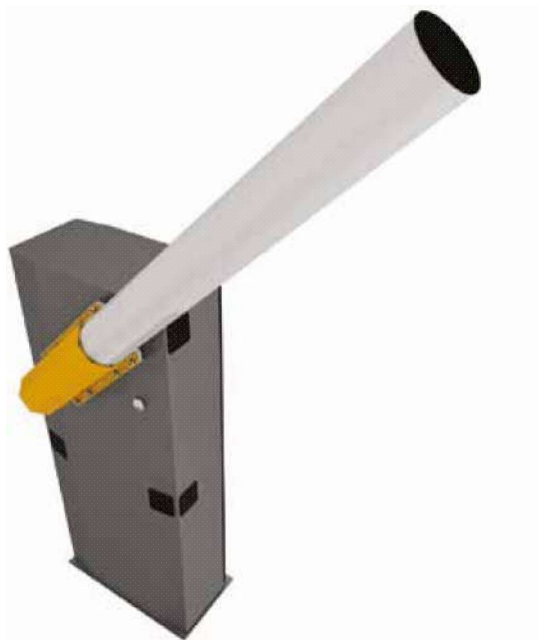
● 24 V DC

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G3250 	Galvanized, painted steel and set up for fitting accessories.
Accessories for: 001G3250	
001 G03250	Semi-oval section white painted aluminum boom, complete with groove covering profile, impact-proof rubber edge, internal reinforcer, luminous cord, connection cable and red reflective adhesive strips. Boom length: 3.5 m
001 G03250K	Semi-oval section boom, made of white, painted aluminum, with groove strip and shock-resistant fender, inner reinforcement, and red, reflective, adhesive strips. Boom length: 3.5 m
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).
Accessories for: 001G03250K	
803XA-0220	HD (Heavy Duty) semi-elliptical boom joint.
803XC-0010	Red/green LED STRIP interface.
803XA-0020	Red/green LED strips for booms up to 4-m long.
803XA-0160	Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.
803XA-0190	LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).
24 V accessories for: 001G3250	
002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.



GARD 5000

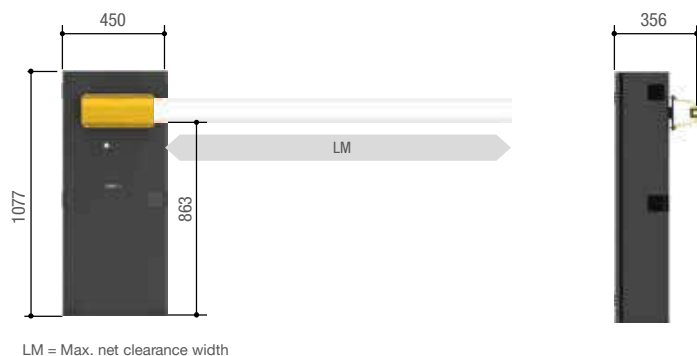
Net clearance up to 5 m



Specific solution for access points with heavy traffic

- 24 V DC gearmotor with encoder is the ideal solution to ensure heavy-duty service levels.
- Linear design with galvanized steel cabinet with rough finish.
- Flashing light and photocells that can be installed directly on the cabinet.
- Control board with display.
- Developed with CONNECT technology for remote digital control via gateway or locally via GAME KEY.

Dimensions (mm)



Operational limits

MODELS	G5000
Max. net clearance width (m)	5

Technical characteristics

MODELS	G5000
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Power (W)	300
Opening time at 90° (s)	4 ÷ 8
Duty/cycle (%)	HEAVY-DUTY SERVICE
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G5000 	Barrier with encoder made of galvanized painted steel ready to fit accessories. The barrier includes balancing springs (two item 001G04060).
Accessories for: 001G5000	
001 G0502	White painted aluminum tube-section boom. Ø 100 mm, boom length: 5.35 m.
001 G05350	White painted aluminum tube-section boom with rubber groove-covering profile. Ø 100 mm, boom length: 5.35 m.
001 G0468	Brace for fitting DLX photocells onto the cabinet.
001 G04601	Adapter for fitting the KIARO-series flashing light; requires the KIAROS base).
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R800	Control board for decoding and access-control management via keypad selectors.
001 R700	Control board for decoding and access-control management via transponder selector.
001 PSRT01	Heater kit with thermostat.
Accessories for: 001G05350	
001 G028401	Yellow luminous cord with white LEDs.
001 G028402	Cable for connecting the luminous cord.
803XC-0010	Red/green LED STRIP interface.
803XA-0230	Red/green LED strip for booms up to 5 m long.
Accessories for: 001G0502 - 001G05350	
001 G0465	Painted aluminum skirt (modules L = 2 m).
001 G02807	Fixed rest.
001 G02808	Swing rest.
001 G02809	Package of 20 red, reflective, adhesive strips.
24 V accessories for: 001G5000	
002 LB39 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.



GARD 12

Net clearance up to 12 m

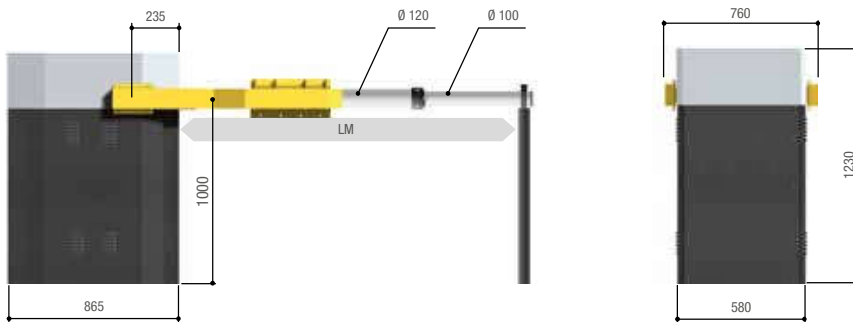
+
24
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Specific solution for special applications

- Two 24 V DC gearmotors installed on the same axis to offer greater drive torque.
- Balancing with modular counterweights, it guarantees a safe and reliable movement of the boom.
- Sturdy structure with galvanized steel cabinet with rough finish.

Dimensions (mm)



LM = Max. net clearance width

Operational limits

MODELS	G12000K
Max. net clearance width (m)	12

Technical characteristics

MODELS	G12000K
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Absorption (A)	15 Max.
Power (W)	300
Opening time at 90° (s)	10
Duty/cycle (%)	50
Torque (Nm)	600
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

Code	Description
Barriers with 24 V DC gearmotor and built-in control panel	
001 G12000K 	Barrier made of painted, galvanized steel.
Accessories for: 001G12000K	
001 G0121	White painted aluminum tube boom, with end cap, made up of: L one fixed rest, one tube boom L = 6,200 mm Ø 120 mm, one tube boom L = 6,000 mm Ø 100 mm, one boom extender accessory.
001 G1325	Package of 20 counter-weights.
Accessories for: 001G0121	
001 G0461	Package of 24 red, reflective, adhesive strips.
24 V accessories for: 001G12000K	
002 LB38 	Circuit board for emergency operation and battery charging.
009 SMA 	Single.-channel magnetic sensor for detecting metal masses.
009 SMA2 	Two-channel magnetic sensor for detecting metal masses.



NOTES:

002LB38 - Three 12 V - 7 Ah batteries (not supplied), set up a suitable external battery housing that can fit in the barrier cabinet on: 001G12000K

Parking saver for residential settings and public spaces

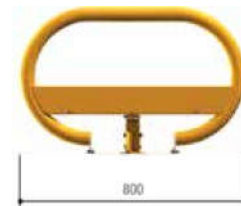
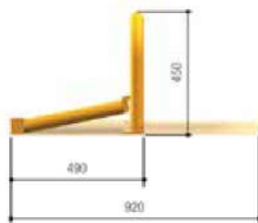
- Solution controllable via radio, to reserve the parking space.
- Simple and functional fixing base.
- It works in emergency mode during power outages.
- Safety is ensured by the amperometric obstruction-detecting and limit-switch controlling device.
- Available in 2 models: small and large.
- Built in galvanized steel and painted RAL 1028 with textured finish.



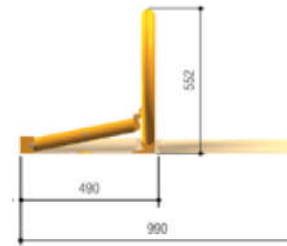
Dimensions (mm)



001UNIP
001ARK1



001UNIP
001ARK2



Operational limits

MODEL	UNIP + ARK1	UNIP + ARK2
Max clearance width of parking space (m)	2	2,45

NOTE: Colore RAL 1028

Technical characteristics

MODELS	UNIP
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 AC
Absorption (A)	1,7 Max.
Power (W)	20
Duty/cycle (%)	HEAVY-DUTY SERVICE
Resistance to crushing (kg/cm ²)	2,5
Operating temperature (°C)	-20 ÷ +55

Code	Description
Parking guard barriers with 24 V DC gearmotor	
001 UNIP 	Irreversible gearmotor with fastening plate.
Extra accessories	
001 ARK1	SMALL barrier.
001 ARK2	LARGE barrier.
Control panels for 24 V DC gearmotors	
801 QA-0030 	ZL22N - Control panel for one parking saver barrier, extensible up to 4 barriers with no. 3 LM22N boards.
Accessories for: 801QA-0030	
801 XC-0110 	LM22N - Extension board for one motor.
002 LB22 	Circuit board for emergency operation and battery charging.



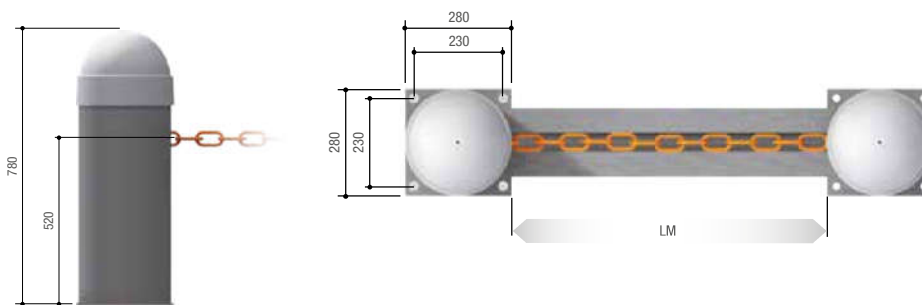
NOTES:
002LB22 - No. 2 12 V – 1.2 Ah batteries, not supplied.



Solution for access management in private and public settings

- CAME patented device for the management of reserved areas and private accesses.
- Sturdy and impact-resistant steel structure.
- Quick and simple installation.
- Guides to guarantee the chain protection with open passage.
- 24 V DC version available for obstacle detection and chain speed adjustment.

Dimensions (mm)



LM = Max. net clearance width



Operational limits

MODEL	CAT-15 (5 mm chain)	CAT-5 (9 mm chain)
Max. net clearance width (m)	16	8

NOTES: Cover color RAL 9006 – Cabinet color ROUGH GRAY code 053 0837

Technical characteristics

MODELS	CAT-X	CAT-X24
Protection rating (IP)	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	24 DC
Absorption (A)	2,7	10 Max.
Power (W)	300	240
Duty/cycle (%)	30	HEAVY-DUTY SERVICE
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	-

Code	Description
230 V AC chain-barrier	
001 CAT-X	Post with gearmotor and built-in control panel.
24 V DC chain barrier	
001 CAT-X24	Post with gearmotor and built-in control panel.
	
Chain-barrier post, for: 001CAT-X – 001CAT-X24	
001 CAT-I	Post with counter-weight and chain latch.
Accessories	
001 CAT-5	Genovese-type, 9 mm chain for clearances of up to 8 m.
001 CAT-15	Genovese-type, 5 mm chain for clearances of up to 16 m.
001 CAR-2	Above-round, chain protection guide L = 2 m.
001 CAR-4	Below-ground, chain protection guide L = 2 m.
Accessories for: 001CAT-X24	
002 LB38	Circuit board for emergency operation and battery charging.
	



NOTES:
 002LB38 - No. 3 12 V – 1.2 Ah batteries, not supplied.
 002LB38 - Three 12 V - 7 Ah batteries (not supplied), set up an external battery housing on: 001CAT-X24.

CONTROL BOARD FUNCTIONS

The table shows all of the characteristics of the street barrier control-panels. The ones in bold type are important for choosing which operator to install and should be assessed from the start.

		+ 24 -	+ 24 -	+ 24 -	+ 36 -	+ 36 -	+ 24 -
Models / Series	G2500	G3750 G3751 G6500 G6501 G3250	G12000K	G5000	803BB-0330	803BB-0120	803BB-0160 803BB-0280 803BB-0240 803BB-0260 803BB-0180 803BB-0290 803BB-0250 803BB-0270
Control board / Control panel	ZC5	ZL38	ZL37B	ZL39EX	ZLB30A	ZLB30B	ZL392
Safety							
SELF-DIAGNOSING safety devices				●	●	●	●
PRE-FLASHING when opening and closing		●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●	●
CLOSING AGAIN during opening							●
Obstruction WAIT				●			●
TOTAL STOP	●	●	●	●	●	●	●
PARTIAL STOP					●	●	●
OBSTRUCTION DETECTION in front of photocells		●	●	●	●	●	●
ENCODER				●	●	●	●
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.				●	●	●	●
AMPEROMETRIC DETECTION		●	●	●	●	●	●
Command							
PARTIAL OPENING 1 leaf				●*			●
OPEN ONLY from transmitter and/or from button		●	●	●*	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button					●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●	●	●
MAINTAINED ACTION		●	●	●	●	●	●
IMMEDIATE CLOSING		●	●	●	●	●	●
Characteristics							
FLASHING LIGHT connection	●	●	●	●	●	●	●
CYCLE LIGHT connection				●	●	●	●
COURTESY LIGHT connection				●	●	●	●
Antenna	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●
CLOSED ALERT LIGHT connection	●						●
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●
OPERATING TIME adjusting	●			●			
ELECTROLOCK/ELECTROBLOCK connection					●	●	●
SLEEP MODE				●			
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs		●	●	●	●	●	●
EMERGENCY BATTERY operation (optional)		●	●	●	●	●	●
MASTER-SLAVE		●		●	●	●	●
Adjustable TRAVEL and SLOW-DOWN speeds*		●	●	●	●	●	●
DISPLAY				●	●	●	●
Electronic brake		●					
SELF-LEARNING opening and closing limit-switches				●	●	●	●
Compatible with CONNECT technology				●	●	●	●
CRP control				●	●	●	●
Firmware update from USB					●	●	
PASSWORD protecting access to functions					●	●	●
MANEUVER COUNTER					●	●	●
Number of operations setting for MAINTENANCE					●	●	●

● 230 V AC ● 24 - 36 V DC

* Only available in paired mode

The table shows the characteristics of the parking system and chain barrier, operator-specific, control panels. The ones in bold type are important for choosing which operator to install and should be assessed from the start.

	24	24	
Models / Series	CAT-X	CAT-X24	UNIPARK
Control board / Control panel	ZCS	ZL37C	ZL22N
Safety			
SELF-DIAGNOSING safety devices			
PRE-FLASHING when opening and closing		●	
REOPENING during closing	●	●	●
CLOSING AGAIN during opening			
Obstruction WAIT			
TOTAL STOP	●	●	●
PARTIAL STOP			
OBSTRUCTION DETECTION in front of photocells		●	
ENCODER			
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.			
AMPEROMETRIC DETECTION		●	●
Command			
PEDESTRIAN OPENING 1 leaf			
PARTIAL OPENING 1 leaf			
OPEN ONLY from transmitter and/or from button			
ONLY OPEN or ONLY CLOSE button connection	●	●	
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button		●	
MAINTAINED ACTION		●	
DELAYED OPENING 1st leaf			
DELAYED OPENING 2nd leaf			
IMMEDIATE CLOSING		●	
EMERGENCY RELEASE from the transmitter			
Characteristics			
FLASHING LIGHT connection	●	●	
CYCLE LIGHT connection			
COURTESY LIGHT connection			
Antenna	●	●	●
OPEN ALERT LIGHT connection	●	●	
CLOSED ALERT LIGHT connection	●		
Contact output for 2nd RADIO CHANNEL			
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●
OPERATING TIME adjusting	●		
Connection for the ELECTRIC LOCK and/or RAMMING			
SLEEP MODE			
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	
OPENING and/or CLOSING slow downs			
EMERGENCY BATTERY operation (optional)		●	●
MASTER-SLAVE			
Adjustable TRAVEL and SLOW-DOWN speeds*		●	
DISPLAY			
Electronic brake			
SELF-LEARNING opening and closing limit-switches			
Connection to the solar panel			
CAME Connect			
Designed to fit RIO System 2.0			
CRP control			
ENERGY SAVINGS control (001RGP1)			
Firmware update from USB			

● 24 V DC