GARD GT4

AUTOMATIC BARRIERS

CONNECT | 24 V | EN TESTED | CXN BUS | ENCODER

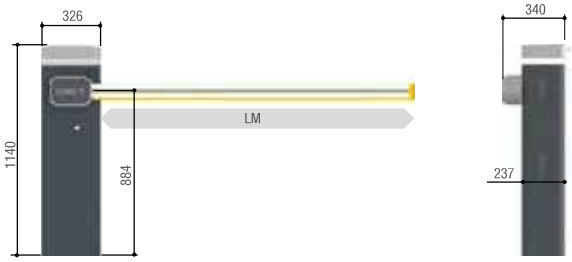
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 5 m	3 MILLION CYCLES	350 CYCLES/HOUR	FROM 2 TO 6 SEC



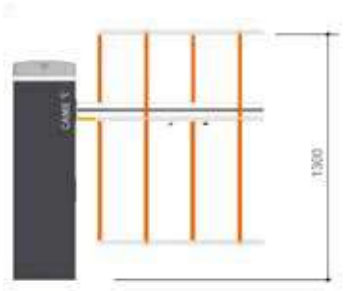
Designed for heavy use and high traffic flows

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 350 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)	5	5	5	5

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 @ 55°C	350	350	350	350
Cycles/Hour @ 60°C	300	300	300	300
Operating temperature (°C)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)
RAL color	7024	RAL X	-	-

● 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 irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing spring included.	
803BB-0280	GGT40ACS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel cabinet with glossy (orange peel) finish in customized RAL painting and set up for fitting accessories. Balancing spring included.	
803BB-0240	GGT40AX4 - Automatic barrier with irreversible 24 V DC 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: 4,22 m.	
803XA-0640	White painted aluminum modular boom, consisting of: no. 2 booms 90 x 60 L = 2610 mm, joint, internal reinforcement, hollow cover profiles and shockproof rubber profile.	
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.	
806XG-0080 CXN	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	

NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest
803XA-0640 cannot be used with 803XA-0350, 803XA-0340 e 803XA-0330.

CODE	DESCRIPTION	
Accessories for: 803XA-0270		
803XA-0320	Detachable boom attachment for GARD GT4. After impact, the pivoting hook releases the boon and the end rests on the ground.	
803XA-0310	HD (Heavy Duty) joint for 90 x 60 mm 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.	
803XA-0680	Anti-shift bracket between wardrobe and rack.	
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-0230	Red/green LED strip for booms up to 5 m long.	
803XA-0160	Red/green LED strip for jointed boom up to 2 m long.	
803XA-0190	Connection kit between LED strips for boom with joint.	
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.
803XA-0310 and 803XA-0320 cannot be installed together.

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.	
009**SMA**	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009**SMA2**	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
EN12453 command and safety detector (type E)		
806XG-0030	Opening and safety detector with laser technology. Two detection areas settable by infrared transmitter. EN12453 (Device E).	
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.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Video entry system kit		
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.	

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



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.

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	4,00 < 5,00
Boom with LED strip	A	A	A	B	B	C
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	-	-	-
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.



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.