# GARD GT8

AUTOMATIC BARRIERS

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

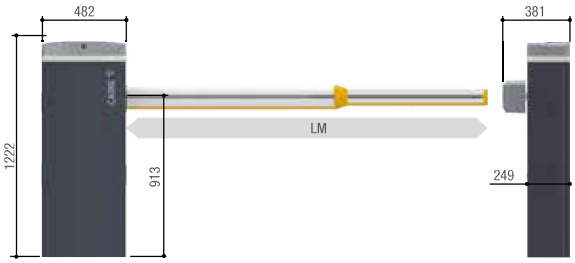
| PASSAGE WIDTH CLEARANCE | MCBF | USE | SPEED |
|---|---|---|---|
| UP TO 7.8 m | 3 MILLION CYCLES | 160 CYCLES/HOUR | FROM 4 TO 8 SEC |



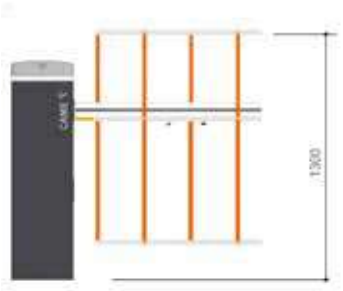
## Ideal solution for apartment blocks and industrial plants

- 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

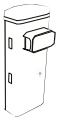
## OPERATIONAL LIMITS

| 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 @ 55°C | 160 | 160 | 160 | 160 |
| Cycles/Hour @ 60°C | 80 | 80 | 80 | 80 |
| 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-0180** | GGT80AGS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing springs included. |  |
| **803BB-0290** | GGT80ACS - 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 springs included. |  |
| **803BB-0250** | GGT80AX4 - Automatic barrier with irreversible 24 V DC operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing springs included. |  |
| **803BB-0270** | GGT80AX6 - Automatic barrier with irreversible 24 V DC 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: 4,34 m. |  |
| **803XA-0410** | White painted aluminum boom 130 x 85 mm, complete with internal reinforcement, hollow covering profiles and shockproof rubber profile. Length: 6.35 m. |  |
| **803XA-0420** | White painted aluminum modular boom, complete with cap, composed by: no. 1 boom 90 x 60 L = 4.22 m, no. 1 boom 130 x 85 L = 4.34 m, 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-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. |  |
| **806XG-0080** | 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

| 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** | Removable attachment for 130 x 85 mm rod. Upon impact, the pivoting attachment releases the rod and the end rests on the ground. |  |
| 001**G02809** | Package of 20 red, reflective, adhesive strips. |  |
| **803XA-0440** | Swing rest - skirt support bracket. |  |
| **803XA-0680** | Anti-shift bracket between wardrobe and rack. |  |
| **803XA-0450** | Steel support for road signs. |  |

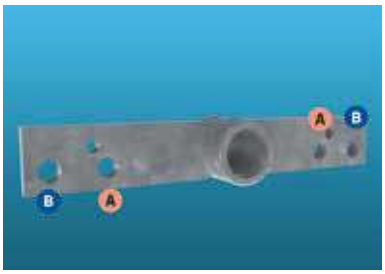
NOTES:
The fixed rest for boom 001G02807 must OBLIGATORILY be used for clearance widths greater than 7 m.
The swing rest 803XA-0330 is for a clearance width up to 7 m.

## 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-meters boom; Not compatible with modular boom 803XA-0420.
When the passage width clearance is greater than 4 m, it is compulsory to use a boom rest to support it (fixed or movable).
803XA-0390: Not compatible with skirts 803XA-0350 - 803XA-0340. Maximum boom length: 6 m.

# THE COMPLETE RANGE

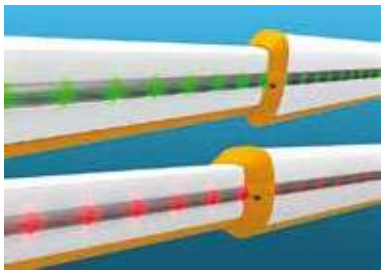
| CODE | DESCRIPTION | |
|---|---|---|
| **24 V DC accessories for barriers** | | |
| **803XA-0370** | Control card kit for operating during power outages and for recharging batteries, with battery housing. |  |
| 009**SMA** | Single-channel magnetic sensor at 24 V for detecting metal masses. |  |
| 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. |  |




## 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.

| 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 | - | - | - | - |



## 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.