



Barrier gates

BORDER 400

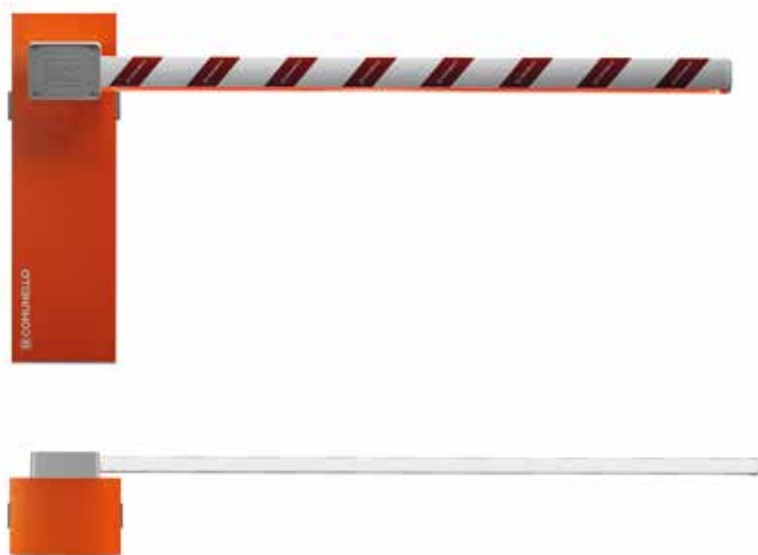
24V Electromechanical barrier raising systems for residential, industrial or public use For entrance up to 4 m



Electromechanical barrier raising systems with encoder for residential, industrial or public use.

The Border serie of road barriers is available in a range of motor sizes and cover all possible road widths. The highest levels of security and optimum performance are guaranteed by easy-to-use controls, light, robust barrier arms, a robust aluminium motor and metal gearings.

Anti-shock rubber is fitted. Programming is made easy via built-in end stop and encoders.



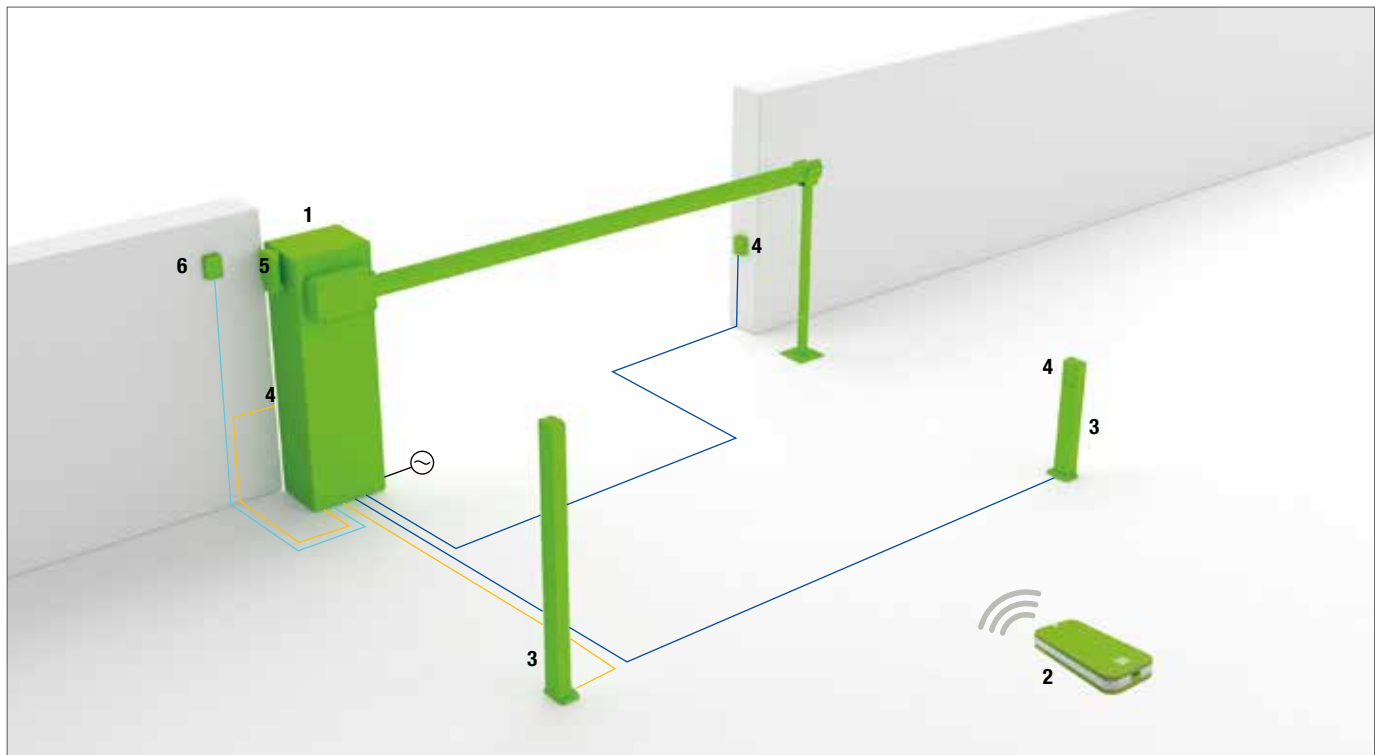
GENERAL INFORMATION

- **Powerful and fast**
Mod. BORDER 400 versioni 24 VDC / 24 VDC version
- **Smart**
Facilitated programming from built-in limit switch. Transformation from left to right via led menu
- **Safety**
In case of impact, movement is automatically stopped. Fold-away emergency release lever. Separate casings for electrical and mechanical components for safe access
- **Impact-resistant protective trim (optional)**
- **High performance**
Aluminium motorreductor and metal gearings. Control electronics are practical and positioned for easy access (upwards). Lightweight, durable bars. 2 balancing spring sizes are available supplied based on bar length
- **Speed: from 2.5 sec to 5 sec**
- **Available in kit form**

24 VDC

Barrier gates

INSTALLATION CHART



- 1 BORDER 300 / 400
- 2 CONTROL RADIO
- 3 COLONNINE
- 4 Photocells
- 5 Flashing signal lights
- 6 Key operated switch

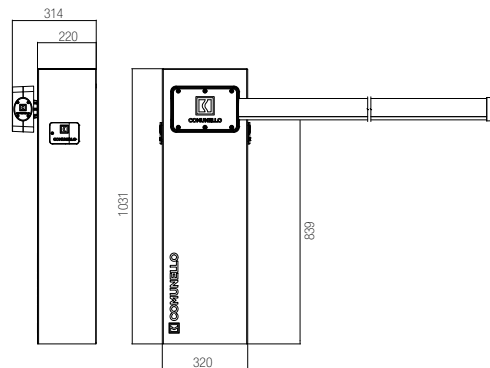
| 24V | DESCRIPTION | Wire | Length (1 m / 20 m) | Length (20 m / 50 m) |
|-----|------------------------|--------------------|-------------------------|-------------------------|
| — | Power supply | | 2 x 1,5 mm ² | 2 x 2,5 mm ² |
| — | Flashing signal lights | FROR CEI 20-22 CEI | 2 x 0,5 mm ² | 2 x 1,0 mm ² |
| — | Photocell TX | EN 50267-2-1 | 2 x 0,5 mm ² | 2 x 1,0 mm ² |
| — | Photocell RX | | 4 x 0,5 mm ² | 4 x 1,0 mm ² |
| — | Key operated switch | | 3 x 0,5 mm ² | 3 x 1,0 mm ² |
| — | Antenna | RG58 | max 20 m | max 20 m |



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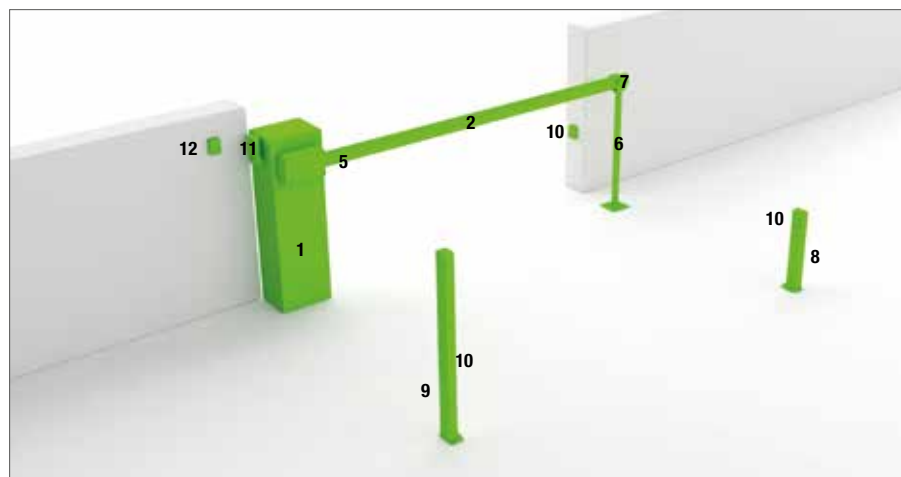
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| ARTICLE | COLOUR | CODE | DESCRIPTION | PACKAGE | WEIGHT | PALETTE |
|------------------|--------|---------------|---|---------|--------|---------|
| ■ BORDER 400 24V | ■ | GBR040EVL0A00 | Barrier with built-in control board 24V | 1 pcs. | 45 kg | 6 |

| BAR ASSEMBLY AND SPRING CHOICE | LENGTH | | | | | |
|---|--------|------|------|------|------|------|
| | 1,50 | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 |
| Asta | ● | ● | ● | ● | ● | ● |
| Bar with bar cover kit | ● | ● | ● | ● | ● | ● |
| Bar with swing down support | ● | ● | ● | ● | ● | ● |
| Bar with bar cover kit and swing down support | ● | ● | ● | ● | ● | ● |
| Bar with curtain | ● | ● | ● | ● | ● | ● |
| Bar with upper bar cover and curtain | ● | ● | ● | ● | ● | ● |

● Small spring AC 530 ● Medium spring AC 540



INSTALLATION CHART

- 1 **BORDER 400 24V** - GBR040EVL0A00
Barrier with built-in control board 24V
- 2 **AC 641 - 4 m** - GBRBAR4000W00
Aluminium oval bar 4 m
- 3 **AC 500** - GLTANCHOR0G00
Foundation kit
- 4 **AC 530** - GLTSPRINGM000
Spring for light bar
- 5 **AC 681** - GBRTOPP400R00
Red barrier bar cover, 4 m
- 6 **AC 560** - GLTFX0000A00
Arm nesting post
- 7 **AC 717** - GBRPLUG010W00
Oval bar plug
- 8 **MAST 50** - GMAST005N0G00
Extruded aluminium column h 50 cm
- 9 **MAST TWIN 100** - GMAST005N0G00
Extruded aluminium column h 1 meter for photocells and control accessories installation
- 10 **2 DART** - GDARTSTDNOB00
Photocells
- 11 **1 SWIFT** - GSWIFTSTLYB00
Flashing signal lights
- 12 **1 INDEX** - GINDEXSTNOB00
Key operated switch
- 13 **1 AC-50** - GBATTERYLOG00
Battery kit

TECHNICAL CHARACTERISTICS

| Electrical information | 24V |
|------------------------|---------------|
| Power supply | 230 VAC |
| Operating power supply | 24 VDC |
| Power consumption | 150 W |
| Current input | 6,2 A |
| Torque | 100 Nm |
| Duty cycle | intensive use |
| Protection rating (IP) | IP44 |
| Insulation class | 2 |
| Working temperature | -20°C / +50°C |

BORDER 400

ACCESSORIES from page 198 to 205



Outdoor antenna
AC 30 / GANTENNAN0G00



Foundation kit
AC 500 / GLTANCHOR0G00



Spring for light bar
AC 530 (light) / GLTSPRINGMG00
AC 545 (medium) / GBRSPRINGHG00



Arm nesting post
AC 560 / GLTFX0000A00



Swing down support for bar
AC 570 / GLTSUPPORTG00



Aluminium oval bar, RAL 9010
AC 641 - 4m / GBRBAR4000W00



Red barrier bar cover
AC 681 - 4m / GBRTOPP400R00



Quick release for oval bar
AC 620 / GBRSTRSRV0G00



Oval bar plug
AC 717 / GBRPLUG010W00



Tablet plug
AC 705 / GBRPLUG03W00

CONTROL ACCESSORIES from page 208 to 243



Inductive sensor
AC 240 / GINDUCTON0G00



Remote control, rolling code 4 ch.
KEEP 4 RC / GKEEP4STN0W00



Kit 5 Remote control, rolling code 2 ch.
KIT 5RC / GKITR2STN5000



Key operated switch
INDEX / GINDEXSTN0B00



Digital switch with keypad
TACT / GTACTSTN0B00

SAFETY ACCESSORIES from page 244 to 251



Flashing signal lights
SWIFT YELLOW / GSWIFTSTLYB00
SWIFT WHITE / GSWIFTSTLWB00



Reflective adhesive strips
AC 660 / GLTSTRIP00W00



Photocells
DART / GDARTSTN0B00



Adjustable photocells
DART ADJUSTABLE / GDARTADJN0B00