

# Control units



## City

The City range boasts control units with analogue settings and more sophisticated models with digital programming. The former allow the desired operating functions and times to be set by means of potentiometers and dip-switches, while the digital models allow the required functions to be set by means of a liquid crystal display showing all the configuration menus. Whatever the need, the application or the motor to be controlled, the City range offers the optimal solution.

## City1

Digital control unit for swing gates (single and double leaf) and sliding gates



**City1** (Item code 12G010)  
Also available in 120 V version  
(Item code 12G011)

- Programming achieved using 3 program buttons and display
- 120 V or 230 V power supply for 2 single-phase motors
- Max. available power for 2 motors 1000 W (120 V) and 1400 W (230 V)
- Plug-in adaptor for modular radio receiver
- Start, pedestrian Start and Stop inputs
- Start, pedestrian Start and Stop transmitter controls
- Auxiliary channel management with transmitter optional courtesy light module
- 2 photocell inputs with self-test function
- 2 safety edge inputs with self-test function
- 2 open/close limit switch inputs
- 12 V electrolock output
- 120 V or 230 V flashing light output (use flashing lights with intermittence)
- Optional module courtesy light output
- Operating times self-learning function
- Obstacle detection function with 10 sensitivity levels
- Operational cycle counter, with programmable maintenance reminders
- Leaf slow-down function in limit switch area to prevent noisy closure and rebound
- Slow start function during opening (programmable time)
- Monitoring of input status using the display
- ADI connector for connecting optional modules
- Casing protection level - IP55
- Casing dimensions - 295x230x100 mm

## Modular receivers



- Rolling Code function (excludible)
- Transmitter self-learning via radio
- Monostable, bistable, timer channel operation logic (programmable using PROG2 or WINPPCL)



Single-frequency super-heterodyne receiver modules with integrated code memory

## Optional modules with ADI connection



### 161205

**Lux 1** - Card with 1 impulse relay output for activation of a timer (courtesy light)



### 161206

**Lux 2** - Card with 2 independent relay outputs, programmable with 8 different functions: monostable, bistable or timer auxiliary channel; warning light; intermittent flashing light; gate-open traffic light; courtesy light, external timer activation impulse



### 161207

**CL1** - Optional card permitting blocking of programming of CITY1 and CITY4 digital control units (thus avoiding third party tampering) and copying of memory card content for transfer to other units of the same type

# Control units



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## City2

Digital control unit for swing and sliding gates equipped with 2 x 24 VDC motors



**City2** (Item code 12A019)  
Also available in 120 V version  
(Item code 12A020)

- Programming achieved using 3 program buttons and display
- Max. available power for 2 motors 150 W
- Plug-in adaptor for modular radio receiver
- Start, pedestrian Start and Stop inputs
- Start, pedestrian Start and Stop transmitter controls
- Auxiliary channel management from transmitter
- 2 photocell inputs
- Input for back-up battery with charging circuit
- 12 V accessory power supply output
- 12 V electrolock output
- 120 V or 230 V flashing light output
- Courtesy light output
- Amperometric sensor obstacle detection function with programmable threshold
- Operational cycle counter, with programmable maintenance reminders
- Leaf slow-down function in limit switch area to prevent noisy closure and rebound
- Monitoring of input status using the display
- Casing protection level - IP55
- Casing dimensions - 295x230x100 mm

## Accessories for control unit City2



**162202**

Back-up battery  
(12V - 4,2 Ah)



Housing for back-up battery  
directly inside the control  
unit

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## City4

Digital control unit for swing gates (single leaf) and sliding gates



**City4** (Item code. 12G015)  
Also available in 120 V version  
(Item code 12G018)

- Programming achieved using 3 program buttons and display
- 120 V or 230 V power supply for 1 single-phase motor
- Max. available power for 1 motor 500 W (120 V) and 700 W (230 V)
- Plug-in adaptor for modular radio receiver

- Start, pedestrian Start and Stop inputs
- Start, pedestrian Start and Stop transmitter controls
- Auxiliary channel management from transmitter
- 1 photocell input with self-test function
- 1 safety edge input with self-test function
- 1 open/close limit switch input
- 24 V accessory power supply output
- 12 V electrolock output
- 120 V or 230 V flashing light output (use flashing lights with intermittence)
- Courtesy light output
- Operating time self-learning function
- Obstacle detection function with 10 sensitivity levels
- Operational cycle counter, with programmable maintenance reminder
- Leaf slow-down function in limit switch area to prevent noisy closure and rebound
- Slow start function during opening (programmable time)
- Monitoring of input status using the display
- ADI connector for connecting optional modules
- Casing protection level - IP55
- Casing dimensions - 195x145x80 mm

# Control units



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The City range boasts control units with analogue settings and more sophisticated models with digital programming.

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## City5

### Digital traffic light control unit



**City5** (Item code. 12G014)

Also available in 120 V version  
(Item code 12G019)

- Programming achieved using 3 program buttons and display
- Management of 2 traffic light units
- Mains-independent light power supply
- Plug-in adaptor for modular radio receiver
- 2 push-button inputs: entry, exit
- 1 control device input code
- 2 vehicle presence detection inputs (N.O. or N.C.)
- 1 emergency input, to guarantee green on exit
- 1 gate status control input (opening, paused, closing)
- Independent input and output control from transmitter
- 2 control outputs for the gate control unit (N.O. or N.C.) opening and closing
- 2 x 24 V AC/DC outputs for supplying accessories
- on-card traffic-light status LEDs
- Vehicle transit counter, with restricted access upon reaching parking capacity
- Programming right-of-way criteria in both directions
- Monitoring of input status using the display
- ADI connector for connecting optional modules
- Casing protection level - IP55
- Casing dimensions - 170x185x70mm

# Control units



## City

The City range boasts control units with analogue settings and more sophisticated models with digital programming.

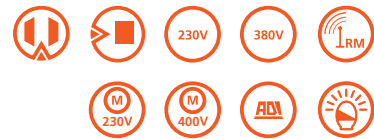
The former allow the desired operating functions and times to be set by means of potentiometers and dip-switches, while the digital models allow the required functions to be set by means of a liquid crystal display showing all the configuration menus.

Whatever the need, the application or the motor to be controlled, the City range offers the optimal solution.

## City6

- Programming achieved using 3 program buttons and display
- Selectable voltage (230 V-400 V)
- Power supply safety isolator switch
- Power supply for 1 x 230 V single-phase or 230 V-400 V three-phase motor
- Max. available power for 1 motor 4 A
- Plug-in adaptor for modular radio receiver
- Start, pedestrian Start and Stop inputs
- Start, pedestrian Start and Stop transmitter controls
- Auxiliary channel management with transmitter optional courtesy light module
- 2 photocell inputs with self-test function
- 2 safety-edge inputs with self-test function
- 2 open/close limit switch inputs
- 24 V accessory power supply output
- 120 V or 230 V flashing light output (use flashing lights with intermittence)
- Courtesy light output with optional module
- Operating time self-learning function
- Amperometric sensor obstacle detection function with programmable threshold
- Operational cycle counter, with programmable maintenance reminders
- Monitoring of input status using the display
- ADI connector for connecting optional modules
- Casing protection level - IP40
- Casing dimensions - 295x230x140 mm

Digital control unit for sliding gates (230 V single-phase or 230 V-400 V three-phase motors)



**City6**  
(Item code 12B018)

# Control units



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The former allow the desired operating functions and times to be set by means of potentiometers and dip-switches, while the digital models allow the required functions to be set by means of a liquid crystal display showing all the configuration menus.

Whatever the need, the application or the motor to be controlled, the City range offers the optimal solution.

## City7

Analogue control unit for swing gates  
(single and double leaf)



- Adjustment and programming by trimmer and dip-switch
- 120 V or 230 V power supply for 2 single-phase motors
- Max. available power for 2 motors 700 W
- Plug-in adaptor for modular radio receiver
- Start and Stop inputs
- Pedestrian start control by transmitter
- 1 photocell input with self-test function
- 1 safety edge input with self-test function
- 24 V accessory power supply output
- 120 V or 230 V flashing light output (use flashing lights with intermittence)
- Courtesy light output (also controllable by transmitter)
- Leaf slow-down function in limit switch area to prevent noisy closure and rebound
- Monitoring of input status shown by LEDs
- Casing protection level - IP55
- Casing dimensions - 170x185x70 mm

**City7** (Item code 12G024)

Also available in 120 V version  
(Item code 12G025)

# Control units



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The City range boasts control units with analogue settings and more sophisticated models with digital programming.

The former allow the desired operating functions and times to be set by means of potentiometers and dip-switches, while the digital models allow the required functions to be set by means of a liquid crystal display showing all the configuration menus.

Whatever the need, the application or the motor to be controlled, the City range offers the optimal solution.

## City9

Analogue control unit  
for sliding gates



- Adjustment and programming by trimmer and dip-switch
- 120 V or 230 V power supply for 1 single-phase motor
- Max. available power for 1 motor 700 W
- Plug-in adaptor for modular radio receiver
- Start and Stop inputs
- Pedestrian start control by transmitter
- 1 photocell input with self-test function
- 1 safety edge input with self-test function
- Open/close limit switch inputs
- 24 V accessory power supply output
- 120 V or 230 V flashing light output (use flashing lights with intermittence)
- Courtesy light output (also controllable by transmitter)
- Slow-down function in limit switch area to prevent noisy closure and rebound
- Monitoring of input status shown by LEDs
- Casing protection level - IP55
- Casing dimensions - 170x185x70 mm

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**City9** (Item code 12B021)  
Also available in 120 V version  
(Item code 12B022)

# Control units



## Optional modules

### Optional modules with ADI connection



#### 161205

**Lux 1** - Card with 1 impulse relay output for activation of a timer (courtesy light)



#### 161206

**Lux 2** - Card with 2 independent relay outputs, programmable with 8 different functions: monostable, bistable or timer auxiliary channel; warning light; intermittent flashing light; gate-open traffic light; courtesy light, external timer activation impulse



#### 161207

**CL1** - Optional card permitting blocking of programming of CITY1 and CITY4 digital control units (thus avoiding third party tampering) and copying of memory card content for transfer to other units of the same type



433.92 Mhz

434.15 Mhz

868.30 Mhz

### Modular receivers

Single-frequency super-heterodyne receiver modules with integrated code memory



It. code	Model	Memory	Frequency
11B007	MR1	240	433,92
11B027	MR1/PLUS	1008	433,92
11B028	MR1/434	240	434,15
11B029	MR1/868	240	868,30

- Rolling Code function (excludible)
- Transmitter self-learning via radio
- Monostable, bistable, timer channel operation logic (programmable using PROG2 or WINPPCL)

# Control units



## Easy

The innovative Easy range control units guarantee secure and reliable automation of roller shutters. The aim of V2 in designing the Easy range was to create a flexible product that could be adapted to suit all needs, to give extremely versatile control units capable of meeting all the requirements necessary for functional and efficient installation.

### Analogue control unit for roller shutters equipped with one 120 V or 230 V single-phase motor



- Adjustment and programming by push-buttons and LEDs
- 120 V or 230 V supply voltage
- Max. available power for 1 motor 600 W (120 V) 1100 W (230 V)
- Models available with plug-in connector for modular radio receiver and models with built in radio receiver
- Up, Stop, Down inputs
- Up, Stop, Down a courtesy light controlled by transmitter
- 1 photocell input with self-test function
- 1 safety edge input with self-test function
- 1 emergency input (fire prevention)
- 24 V accessory power supply output
- 120 V or 230 V flashing light/courtesy light output (use flashing lights with intermittence)
- Models available with optical-type safety edge power control output
- Models available with control keypad located on the cover
- Monitoring of input status shown by LEDs
- Casing protection level - IP55
- Casing dimensions - 170x185x70 mm

### Easy

It. code	Model	Description	Power supply	Built-in receiver	Keypad
12C010	EASY RI 230V	Built in receiver	230V	•	
12C011	EASY RI 120V	Built in receiver	120V	•	
12C014	EASY RI 3 230V	Built in receiver and 3 push buttons	230V	•	•
12C015	EASY RI 3 120V	built in receiver and 3 push-buttons	120V	•	•
12C016	EASY RM 230V	Arranged for plug in receiver	230V		
12C020	EASY RM 3 230V	Arranged for plug in receiver, with 3 push buttons,	230V		•
12C027	EASY CRI 230V	Interface for optical-type safety edges and plug-in terminal boards	230V	•	
12C028	EASY CRI 3 230V	Interface for optical-type safety edges plug-in terminal boards and 3 push-buttons	230V	•	•

# Control units



## PRGMTU

Analogue control unit for roller shutters,  
sun shades and screens



- 120 V or 230 V power supply for 1 single-phase motor
- Max. available power for 1 motors 700 W
- Built-in radio receiver, capacity to store 32 codes
- 1 Start input
- Up and Down control by transmitter
- 1 anemometer input
- Casing protection level - IP55
- Casing dimensions - 127x41x24 mm

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**PRGMTU** (Item code 12E009)  
Also available in 120 V version  
(Item code 12E011)