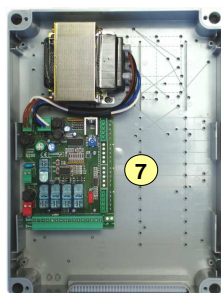




PNEUMATIC DRIVE



Dimensions	Height	Weight
470 x 330 mm	1400 mm	~65 kg
Protection Degree	Material	Insulation
IP 54	Aluminium ép.7 mm	Class II Phonique/Thermique
Colour	Locking	Temperature
Ral 7016 structured (charcoal grey)	Special lock & imprint	-10°C to +55°C
Voltage	Power	Operability
230 V (2P+T) 16A	~500 W	Non-Stop

15



DESCRIPTION

The City5 controller with U200 control board can run up to 4 electro-pneumatic automatic retractable bollards (2nd access included). A heavy duty oil-free compressor supply air to the bollards (up to 4 depending on model). This City controller consists of several modules, namely as a standard:

- a high pedestal base in aluminium,
- a central module comprising the door opening onto the compressor,
- a door-like module with 2 polycarbonate front plates, printable, opening onto the U200 control panel and operation logic systems.

- a top module (also called 'hat'). The controller is intended for ground fixing with threaded bars or chemical anchors.

The City3 is delivered without control actuators. These are available as options (built-in) or as accessories (remote controls).

The U200 control board runs URBACO limit switches, lights indicating bollard position, induction loops, and remote control actuators by dry contact as well as compressor surveillance. LED indicators show status of some functions, and switches are intended for the programming of the U200 board.

As an option, an additional expansion card is built in the box to run a 2nd access.

OPTIONS & ACCESSORIES

- Colours: all RAL shades
- AF43S radio receiver, built-in – Art. code: COAF43S (unlimited number of users) (12),
- RE432 radio receiver, built-in,
- 1-, 2- or 4-channel beepers (ex. (13), (14)),
- Antenna, 433.92 MHz,
- Channel weekly timer, built-in,
- Remote control actuators (key selectors, keypad, card reader),
- Operation logic components,
- 2nd access expansion card (15),
- Heater with thermostat,
- 5-litre air reserve,
- Safety loops and sensors (detectors),
- Communication tools (analog or digital intercom).
- Emergency trap door on side (access to push button to force descent),
- A heater including a thermostat.

OPERATION

Depending on control board programming, bollard descent is actuated by user (badge...) and bollard rises back either automatically or is actuated upward by user (radio beeper...)

COMPONENTS

- 1- City5 top module (hat),
- 2- Module with 2-frontplated door,
- 3- Module with plain door,
- 4- High pedestal base,
- 5- Printed front plate with control actuators (example),
- 6- Printed front plate with red/amber traffic light,
- 7- U200 control board,
- 8- Heavy duty compressor,
- 9- Emergency trap door (option),
- 10- Documentation,
- 11- City 5 special key.

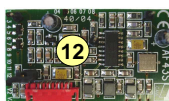
CONNECTIONS

All connections are done on the U200 control board. Strip terminal racks are intended to connect 230V voltage, the compressor, the bollard, remote control actuators, and antenna. **Caution!** The City controller must be protected by a 30 mAmp ground-fault circuit interrupter (not supplied) for protection of users

SURFACE FINISH

Primer zinc coating to increase resistance to corrosion and add on adherence to the surface finishing.

Thermosetting polyester powder paint, **Standard colour: Charcoal grey RAL 7016, structured**



433.92 MHz

