

Installation and Operating Instructions

Electromagnetic Bolt E 202 Accessories

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1 Preface

1.1 General notes

These operating instructions must be available on site at all times. It should be read thoroughly by all persons who use, or service the appliances. Improper usage or servicing or ignoring the operating instructions can be a source of danger for persons, or result in material damage. If the meaning of any part of these instructions isn't clear, then please contact Acces Toegangstechniek before you use the appliance.

This applies to all setup procedures, fault finding, disposal of material, care and servicing of the appliance. The accident prevention regulations and applicable technical regulations (e.g. safety or electrical) and environment protection regulations of the country in which the appliance is used also apply. All repairs on the appliances must be carried out by qualified persons. Acces Toegangstechniek accepts no liability for damage which is caused by using the appliance for purposes other than those for which it is built.

Acces Toegangstechniek cannot recognise every possible source of danger in advance. If the appliance is used other than in the recommended manner, the user must ascertain that no danger for himself or others will result from this use. He should also ascertain that the planned use will have no detrimental effect on the appliance itself. The appliance should only be used when all safety equipment is available and in working order. All faults which could be a source of danger to the user or to third persons must be eliminated immediately. All warning and safety notices on the appliances must be kept legible.

All electrical periphery equipment which is connected to the appliance must have a CE Mark, which ensures that it conforms to the relevant EEC regulations. Neither mechanical nor electrical alterations to the appliance, without explicit agreement of the manufacturer, are allowed. All alterations or extensions to the appliance must be carried out with parts which Acces Toegangstechniek have defined as suitable for such alterations, and be carried out by qualified personnel. Please note that with any alteration of the product, no matter whether mechanical or electrical, the warranty expires and the conformity is revoked. Only the use of ACCES accessories and original ACCES spare parts is allowed. In case of any contravention ACCES disclaims liability of any kind.



INFORMATION!

The operation of the system within CEN countries must also be conformant with the European safety-relevant directives and standards.

We reserve the right to make technical improvements without prior notice.

1.1.1 Symbol explanation

Remarks regarding the safety of persons and the gate opener itself are marked by special symbols. These remarks have to be absolutely observed in order to avoid accidents and material damage.



DANGER!

...points to an imminent dangerous situation, which can cause death or serious injuries if it is not avoided.



WARNING!

...points to a potentially dangerous situation, which can cause death or serious injuries if it is not avoided.



ATTENTION!

...points to a potentially dangerous situation, which can cause minor or slight injuries if it is not avoided.



ATTENTION!

...points to a potentially dangerous situation, which can cause property damage if it is not avoided.



REMARK!

Important notice for installation or functioning.

1.2 Copyright

The operating manual and the contained text, drawings, pictures, and other depictions are protected by copyright. Reproduction of any kind – even in extracts – as well as the utilization and/or communication of the content without written release certificate are prohibited. Violators will be held liable for damages. We reserve the right to make further claims.

1.3 Information regarding installation instruction

This document is to be used as installation instruction for partly completed machinery (according to machinery directive 2006/42/EG, article 13, (2)).

2 Electromagnetic Bolt E 202

2.1 Usage

Electromagnetic bolt E 202 for locking swing gates. The bolt locks either to the bottom, to the side or to the top.

2.2 Technical Data

Power supply	24Vdc
Maximum current	approx. 0,65A
Degree of protection	IP43
Emergency release	with a key
Measurements (W x H x L)	51 x 210 x 54mm
Stroke	15mm

Table 1

2.3 Electrical Connection



WARNING!

Danger by electrical voltage!

Danger of electric shock.

- The device should be connected to the supply voltage (230Vac) by a qualified electrician only.

Electromagnetic Bolt E 202 is directly connectable to the controllers MO 34 and MO 36.

Controller MO 34

Terminal V6/1 and V6/2

Controller MO 36

Terminal SCHL and GND

For all other controllers the power supply must come from a connection which is switched on whenever the gate moves (either 24Vdc directly, or 230Vac to a transformer 230V/24V with rectifier).

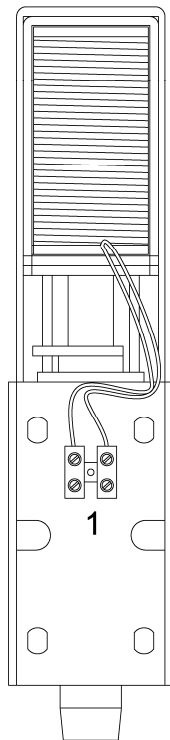
The cross section of the cable to the bolt depends on the distance between the controller and the electromagnetic bolt:

up to 50m: min. 1,5mm²



Please note that with an increasing distance between controller and swing gate the range of the radio remote control decreases, since the radio remote control receiver is plugged onto the controller.

Interior view:



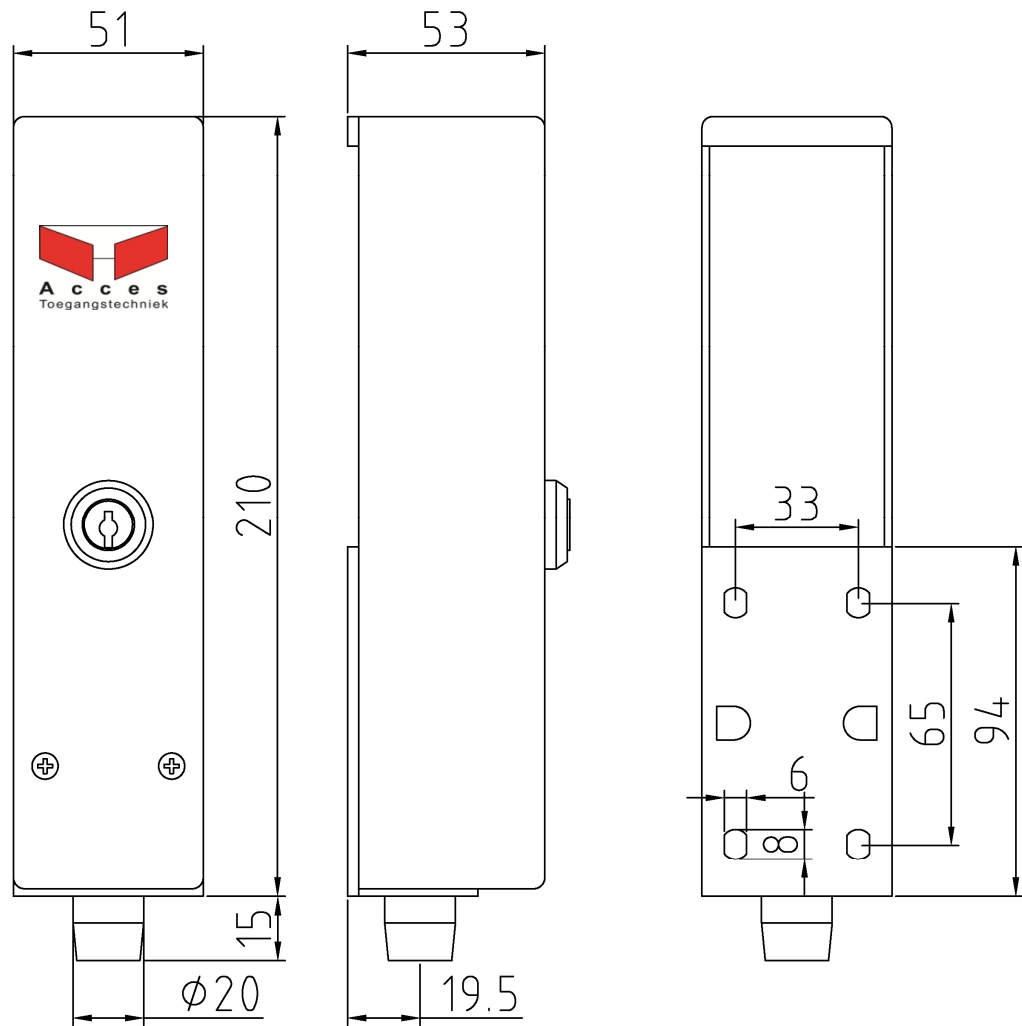
Drawing 1



Connect the power supply (24Vdc) at the terminal (1).

2.4 Measurements

Installation for locking downwards. The length of the pin is 15mm from the lower edge of the housing.



Drawing 2