

Important Information Safety Instructions

When correctly installed in compliance to installations and adhering to all current electrical, mechanical and manufacturer regulations, your automation system will provide a high degree of safety and problem free operation.

Please take note of the following warnings that must be followed in order to prevent accidents during your gate's operation:

- Do not allow children to play near the gates.
- Keep all remote control operating devices out of the reach of children.
- Do not pass through the gates whilst in operation. Wait until the gates are fully open before passing through.
- Do not stop unnecessarily when passing through the gates.
- Do not operate the gate(s) by remote control unless the gate(s) is in view.
- Do not attempt to block or interfere with the gates movement during operation.
- Under no circumstances should you attempt to modify the gates or automation system.
- Ensure that your automatic gates are serviced at 6 month to 12 month intervals (dependent on number of openings) by your installation/maintenance company.
- Report any signs of malfunction to your installation/maintenance company immediately.
- In the case of malfunction, isolate the power supply, release any additional locking mechanism, manually open the gates (see instructions inside manual) and call your installation/maintenance company.
- If you are in any doubt regarding the operation of your gate, call your installation/maintenance company.

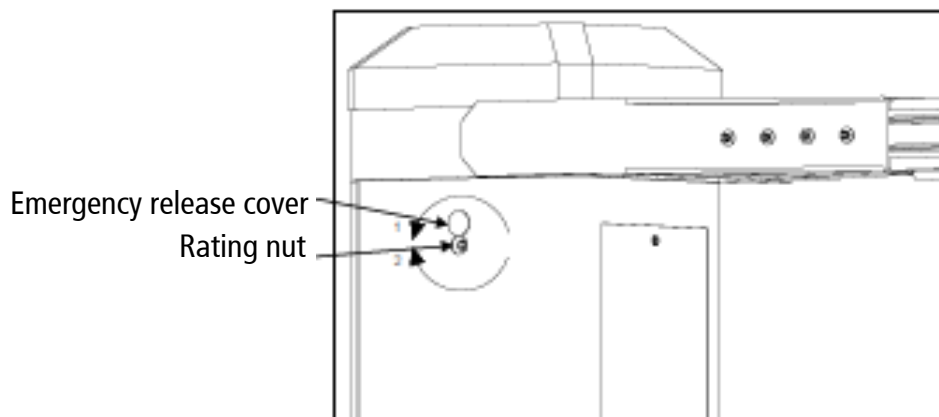
MANUAL OPENING

If the gate has to be operated manually due to a power failure or malfunction, use the release device as follows:

EMERGENCY RELEASE/FRICTION CLUTCH

The vandalism protection for the barriers KOLOSS 60 – 90 – 120 consists of an internal friction clutch, which can be operated by a rating nut, accessible from the outside. Is the barrier boom forced upwards, the clutch slides through when a certain force is applied. The barrier boom is still connected mechanically with the motor-gearbox-unit. After the vandalism protection was activated, no parts of the barrier need to be exchanged. The gearbox suffers no damage. Adjusting the friction clutch:

Loosen the rating nut of the friction clutch located behind the emergency release cover (anti-clockwise, direction 1) using the supplied key SW 27/32 (see Drawing and Table). Do not remove the rating nut completely. The barrier opens through the spring tension to approx. 30-45°, when the rating nut was loosened sufficiently.



	KOLOSS 60	KOLOSS 90	KOLOSS 120
releasing	approx. 2	approx. 2 ¹ / ₄	approx. 1 ¹ / ₄
engaging	approx. 2 40 Nm	approx. 2 ¹ / ₄ 45 Nm	approx. 1 ¹ / ₄ 65 Nm