

The parking barrier unit is installed in combination with a parking column at entrance and exit points of parking areas. The barrier is the actual access control device of the Parking System. It can also be used as an OEM product in combination with other systems.

Awards

- Design was nominated for Austrian National Design Award by Austrian Design Institute (Österreichisches Institut für Formgebung)
- Design won Hanover Industry Forum Design Award



Picture may vary from actual product

Note on Safety

To avoid any possible personal damage, please note that the operator of this device is required to fulfil and maintain, for as long as the device is in use, all safety requirements and measures mentioned in the *System Description and Maintenance Manual*, as well as all other safety regulations applicable to the use/application of this device.

Features

- Geared motor with integrated frequency converter control; 230 V supply current
- Self-locking gearing
- Barrier arm (illuminated and non-illuminated versions): Sturdy fibreglass design; elliptic profile; 2.8 m standard barrier length
- Opening time approx. 1.5 secs at 90° opening angle
- Jointed barrier arm available for locations with restricted overhead clearance.
- Contactless switches at terminal positions of barrier arm
- Integrated barrier breakage detection
- Durable casing fabricated from impact-resistant plastic with aluminium-coloured lacquer coating; floor stand manufactured from non-corrosive high-grade steel
- No special tools required for installation of barrier arm
- Service and maintenance free installation
- Quality-assured in accordance with ISO 9001 standards

Standard Version

- Barrier unit features built-in frequency converter control array, column top, tubular support frame, three-phase motor, crank drive, integrated barrier motor control, barrier arm support, mounting platform and connecting rods for secure installation
- Barrier control board sd521; 2 inputs and 2 outputs

Accessories

- Elliptical-profile standard barrier arm (w/ or w/o illumination) fabricated from yellow-coloured glass fibre reinforced plastic; length up to 2.8 m (110¼ in); unit comes complete with barrier arm support, built-in breakage sensor
- Jointed barrier arm (w/o illumination) fabricated from yellow-coloured glass fibre reinforced plastic; length up to 2.15 m (84.6 in); internal shafts; unit comes complete with barrier arm and tension assembly; standard height of barrier arm joint 2.07 m (81½ in) above ground
- Barrier arm support with ejector; crash guard; chassis lock
- Installation of two loop detectors for vehicle and passage direction detection
- Built-in safety light barrier provides added security for pedestrians
- Warning light for barrier movements
- Sea-water-proof tubular support frame (increased corrosion resistance); material 1.4571
- Extension board sd529 with 6 additional inputs and outputs; additional SIO (e.g. for bidirectional lanes with one barrier only) and operation mode switch

Technical Specifications

Supply voltage	230 V AC / 50 Hz
Opening time (0° to 90°)	approx. 1.5 secs
Dimensions (casing) in mm	240 x 344 x 1135 (w x d x h)
Weight	34 kg
Power consumption	250 W max.
Operating temperature	- 25 °C to + 45 °C (ambient)
Protection class	IP 33
Standards	CE label
Safety Class	1

