

The **Door/Shutter Opener** allows the user to operate entrance and exit gates in car parks and buildings, either by using a contactless data carrier (i.e. a Keycard) or by keying in a personal access code (printed on the access card).



APT450.Logic **Keydetector.Gate** Parking. Logic

Design

- Simple installation in flush socket or on the surface
- Logic circuit for data evaluation is housed in separate enclosure (can be installed up to 10 meters away from input unit)
- Operating status indicator (triple color LED and beeper)
- Quality-assured in accordance with ISO 9001 standards

Features

- Door opener provides access control at entrance doors
- Shutter opener raises/lowers barriers and shutter doors
- Supports contactless reading of keycards (used for contract parking, etc)
- Input of access code via keypad (e.g. short-term parkers); Access code for credit card holders is part of the credit card number
- Automated verification of access authorization
- Gate control by way of Administration Centre program ('Manual OPEN', 'Keep Open', 'Keep Closed')

Keydetector.Gate Standard Version

Standard Version

- Key Detector and Arcnet-/Serial Converter or interface board, includes keypad for input of access code; integrated contactless data transfer capability; built-in connector for vehicle detector

Accessories

- Pictogram with user instruction
- Twin induction loop detector for vehicle detection, complete with connecting cable

Technical Specifications

Casing	Made of ABS
Casing dimensions inches	3.2" x 4.5" x 1" (l x w x d)
C/B Dimensions in inches	2.9" x 8.2" x 0.5" (l x w x d)
Carrier frequency	125 kHz
Input voltage	7 – 12 V DC
Power consumption	2.4 W max.
Reading response time	0.2 secs
Switching impulse duration	0.1 to 25.5 secs (adjustable)
Protection class	P 54
Standards	CE label (FTV 525; ETS 300 330)
Operating temperature	-4 °F to + 113 °F (ambient)
Max. RF scanning range	keycard: approx. 8 cm
Installation	In 2.5" flush socket; min. distance to metal objects: 2" (metal objects may reduce the RF signal transmission range)
Casing color	RAL 7043 Traffic grey B
Keypad color	RAL 9007 Grey Aluminum

Data Evaluation Unit – Arcnet-/Serial converter

Input voltage	230 V AC
Moisture proof dimensions	8.9"x6.9"x3.9" (l x w x d)
Protection system	IP 55

Specifications for Electric Door Actuator

Switching voltage	12 V DC
Max. current consumption	1 A

