CESeasy
Door controller
CESeasy - Door controller

Technical data

**CESeasy door controller**

| Article number | Door controller: 347101V  
|                | Starter set: EASY-DCS (door controller, 1 remote control, 5 digital keys, “lock management” function (5 years))  
| Dimensions     | 115 mm x 72 mm x 27 mm  
| Material       | ABS, black  
| Power supply   |  
| Batteries      | 4 x AA alkaline batteries  
| Power input (screw connector) | 8 ... 15 VAC / 100 mA or 12 ... 24 VDC / 100 mA / stabilised  
| Optional power supply unit | Average power consumption: below 5 mA at 12 VDC  
| Inputs and outputs |  
| Sensor input (screw connector) | Input for an optional door contact (347129V).  
| Max. cable length | 3 m  
| Relay output (screw connector) | Relay switching output (NO / NC)  
| Max. 30 VDC / 1.5 A (ohmic load) |  
| Further inputs and outputs | Available via the CESeasy communication module  
| RF-Transceiver |  
| 868 MHz, for remote controls and the communication module |  
| Bluetooth LE transceiver | 2.4 GHz, to communicate with mobile phones  
| Encryption | AES128  
| Memory / capacity |  
| Number of digital keys | 600 access group (1 access group = max. 65,000 employee keys, or 1 digital key, or 1 remote control)  
| Encryption | AES128  
| Service life |  
| Service life | Max. 500,000 operations (at 20°C), depending on the contact load  
| Battery service life | Approx. 100,000 operations within 1 year (at 20°C)  
| Environment |  
| Device environment | The product is intended for indoor use only  
| Operating temperature | 0 ... + 50°C  
| Humidity during operation | 5 ... 90%, non-condensing  
| Unsuitable climates | Do not use in corrosive environments (chlorine, ammonia, lime water)  
| Tests and certificates |  
| CE label | NEN EN 300330-02, NEN EN 301489-03  

**Control and operation**

| Mobile phone | Compatible Apple device with BLE and iOS 9.2 or higher  
|             | Compatible* Android device with BLE and Android 4.4 or higher  

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*Due to the vast number of different Android phones and versions testing the compatibility of a particular Android device is recommended.

Examples which show how to connect an inductive load to a flyback diode

![Diagram](image)

A: relay of the door controller
B: power source of the lock
C: inductive load
D: flyback diode