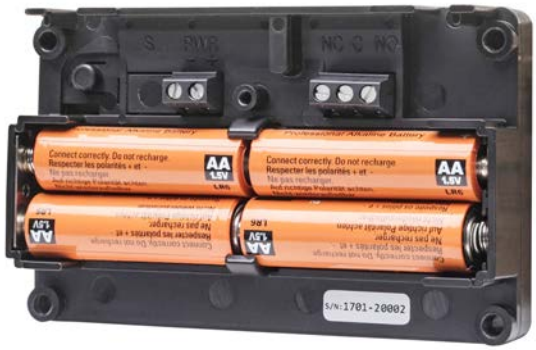
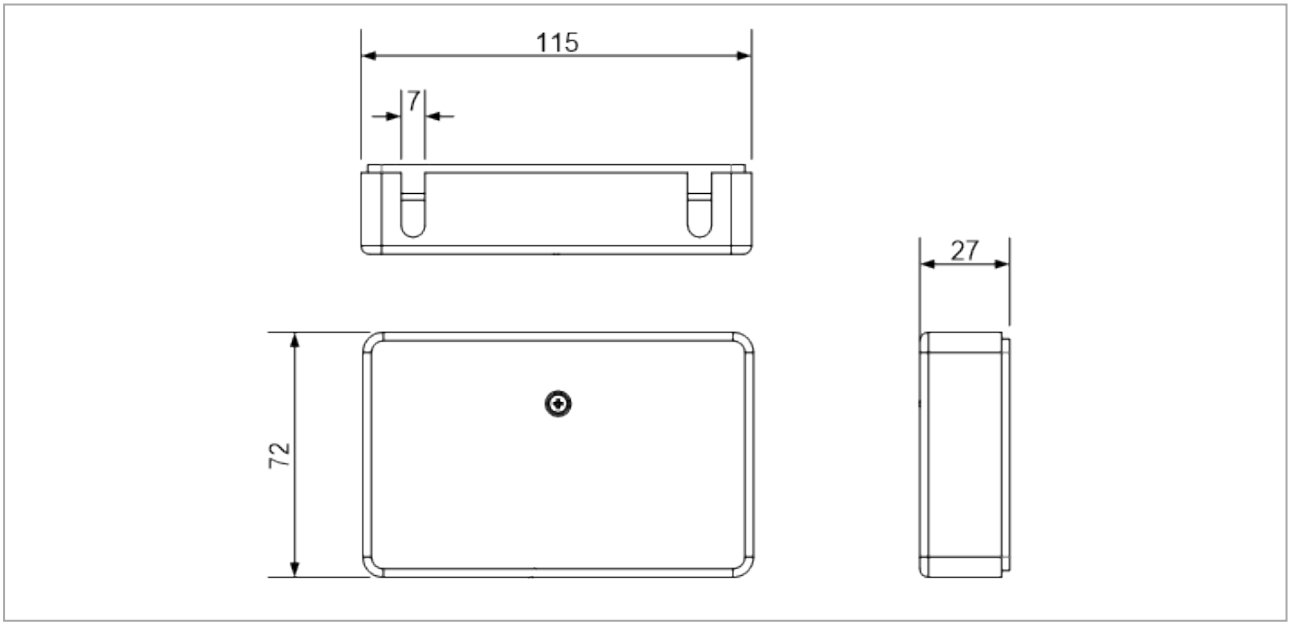
CESeasy

Door controller





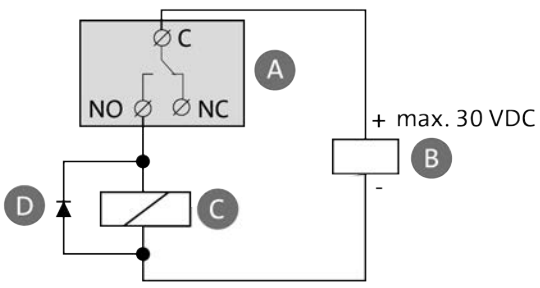
CESeasy - Door controller

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 Average power consumption: below 5 mA at 12 VDC
Optional power supply unit	Article number 347123
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	
RF-Transceiver	868 MHz, for remote controls and the communication module
Bluetooth® Low Energy transc.	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 (Bluetooth® Low Energy and iOS 9.2 or higher) Compatible* Android device (Bluetooth® Low Energy and Android 4.4 or higher)

** 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



A: relay of the door controller

B: power source of the lock

C: inductive load

D: flyback diode