



#### FUNCTION AND INTENDED USE

The AccessOne (AC-K) badge reader allows locks (on doors for example) to be opened with a badge (125kHz - EM400x ISO-based RFID) and other additional actions to be performed via the ONE system (such as turning on the lighting in your home when you enter outside daylight hours).



#### WARNING HIGH VOLTAGE!

Touching the electrical wires (230 V AC) may cause electrical shock and injury. Disconnect power before servicing. Prevent others from reconnecting the device.



#### IMPORTANT NOTES:

Only trained experts are authorised to install and commission the module. Country-specific regulations must be adhered to. The device may only be operated in dry, closed rooms and must not be used directly or indirectly for health or life-saving purposes or for purposes where a device failure could lead to danger for people, animals or material property.

#### INSTALLATION:

The AccessOne is installed in a recessed wall box. It is connected to a certain circuit. This circuit must be operated by a SmartOne module. In the case of new-build construction projects, and where possible with renovations, it is recommended to use a deep recessed wall box (61mm). The connections for the AccessOne badge reader can be found at the rear. On the left, the power source is connected via the L and N cables. Both the power source for the module and the data communication run via the 230V network. On the right, there are four plug-in terminals for the connection of two locks (each with a maximum of 3W): O1 and O2. These outlets give 24V DC power (respect the + and - poles, or remove the diode from the lock). O1 is linked to the badge reader; O2 gives constant power and can be used, for example, to operate a door closer. We advise using the accessOne in combination with Droma lock types Basic (operating current performance - code 15117124) or Basic-Safe (quiescent current performance - code 15137124). The ASSA ABLOY DC 640 door closer can be used with the system.

A maximum of 14 AccessOne modules can be connected to one SmartOne fuse. Additional information on the implementation can be found in the ONE installation manual or at [www.onesmartcontrol.com/support](http://www.onesmartcontrol.com/support).

#### STATUS VIEW (LED)

In the lower right of the accessOne module, there is an LED. It shows the status of the module:

Blue/green/red/white	Power on
Blue flashing	Empty database.
	The accessOne is supplied with an empty database.
Green	Access permitted.
	The lock is open for as long as the LED is illuminated.
Red flashing (short flashes)	Access denied.

#### GUARANTEE:

ONE guarantees fault-free operation of this device in accordance with the specifications for 24 months from delivery by ONE. Opening the device, tampering with the device or incorrect installation / configuration invalidates the guarantee.

#### TECHNICAL DATA:

Name	AccessOne
Type/Model	AC-K
Nominal power source/frequency	230 V AC/50 Hz
Power consumption	Maximum 10W
Protection code (dry rooms)	IP20 EN 60529
Insulation voltage	4 kV AC
Acceptable ambient humidity (storage)	Between -20 °C and +70 °C
Acceptable ambient temperature (operating)	Between 0 °C and +45 °C
Acceptable ambient humidity (operating)	< 80 % relative humidity, non-condensing.
Weight without packaging	+/- 0.2 kg

