

UCA3

The stand-alone proximity readers UCA3 and DGPROX have built-in antennas, with an RFID emission field of 125 kHz.

The control unit (processor) inside the UCA3 and the DGPROX inquire their built reader then the auxiliary proximity reader (DGLI or DGLP). When a reader signals the presence of a proximity card or badge then it transfers the code number to the host system micro controller. The micro controller then verifies in the EEPROM if the code number is valid (code number matches one of the code in the memory). If the card or badge is not valid then the micro controller activates the buzzer (2 beeps). If the card or badge is valid then the micro controller activates the relay output (according to the output time set) and changes the LED color to green.