



Pin readers with backlight

Access Pin Illuminatum

The Access Pin reader family of Idesco has a new member, the Access Pin Illuminatum. The Access Pin Illuminatum enables the use of the proven, maintenance-free keypad technology of the Access Pin also in environments without light source. The keypad area of the Access Pin Illuminatum is visible only after activation by a contactless RFID transponder. Because of this feature it can be avoided that vandals are attracted by a lucid, lighted keypad in the darkness. The Access Pin Illuminatum is available as 13,56MHz Multitechnology ID-reader and as Mifare sector reader.

Access 8 CMpin Illuminatum reads compatible application specific data from one selected sector of the Mifare® Standard transponders and supports also Mifare® Multi-application transponders. A configuration card defined by Idesco or the customer can be used in programming the required reader output, application specific keys as well as the sector to be read. Also the required data length can be defined according to individual application demands. In case there is no sector coding on the card, the reader reads the serial number of the card. The pin code length can be sent out in 4 or 8 bit format.

The Access 7 Cpin Illuminatum readers read the unique ID-numbers of Philips Mifare®, I-Code®, Inside PicoTag® and PicoPass®, HID iClass®, LEGIC Advant® and most of the existing and forthcoming ISO15693 tags like ST, Tag-it®, Infineon, Fujitsu etc.



Specifications

Voltage	24 V (+10...+30 V)
Current consumption	8CMpin - 130 mA max. 7Cpin - 100 mA max.
Interfaces:	8CMpin - Wiegand 7Cpin - Wiegand 24-66bit RS232 Clock and Data
Data length	Adjustable
Material of design housing	Plastic
Dimensions of housing (hwxwd)	138 x 44 x 24 mm
Operating temperature	-40...+55 °C
Storage temperature	-40...+55 °C
Protection class	IP47
Cable	LIYCY 3 m
Led	Tricolor
Buzzer control	Cable
Carrier frequency	13.56 MHz
Field strength	According to EN300330
EMC	Meets CE requirements

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