

7 C 2.0



SLIM

141 x 43 x 19 mm



MODULE

72 x 37,8 x 18 mm



COMPACT MODULE

40,9 x 39 mm

Product features and benefits

- Durable and reliable access control reader supports MIFARE® Classic and MIFARE® DESFire technology
- Extremely low power consumption - up to 60% more energy-efficient
- Eco-sensitive construction
- Highly configurable
- Open technology: no more proprietary limit on who you buy cards and controllers from, no device supplier or technology dependencies



Electrical specifications

Operating Frequency	13,56MHz
Voltage	+10 +30 VDC
Power Consumption	Max. 1,4 W in Idesco default configuration

Supported Card Technologies

RFID chip support	MIFARE® DESFire UID, MIFARE® Classic UID, MIFARE® Ultralight UID, MIFARE® Plus UID, MIFARE® SmartMX (MIFARE® Classic emulation mode) UID, NFC (UID), MIFARE Classic 7 Byte UID
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Mechanical Specifications

Housing material	Plastic
Cable	LIYY, delivered only with pigtail reader
Cable Length	3m
Connectors	Yes (pigtail as default)
Colour	Black
Customized versions	Yes, with sticker
Protection class	IP67, with the pigtail cable option
IK-rating	IK-09
Flammability Class	Horizontal specimen UL94 HB, vertical specimen UL94 V-2

Environmental Specifications

Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C

Interface Specifications

Available interfaces	RS-232, Wiegand, OSDPv2, RS-485, Clock & data (10 BCD format)
Option for USB HI interface	On request
Inputs / Outputs	2 FET outputs (for tamper control and general), max 500 mA

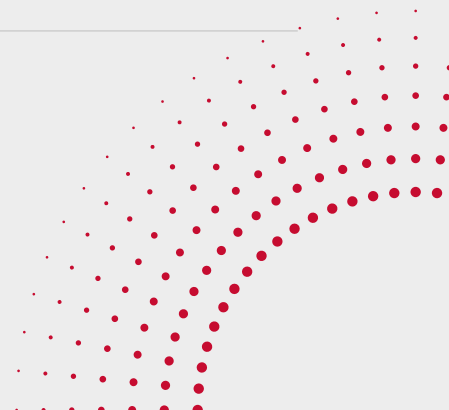
Standards and regulations

EMC	Meets CE requirements
Field strength	According to EN300330

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Other features of the reader

LEDs and LED control	Three-colour. LED modes can be configured with configuration card or by wire
Buzzer and buzzer control	Buzzer modes can be configured with configuration card or by wire.
Optical tamper	Yes, configurable
Alive message	Options for 4- bit, 6- bit, 8- bit and 38- bit message
Re-read delay	Adjustable, up to 63 seconds
Configuration	With a configuration card

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