

7 AH

Reliable proximity reader with low power consumption



- Durable and reliable proximity reader
- Extremely low power consumption – up to 60 % more energy-efficient
- Eco-sensitive construction
- Highly configurable, number of features (LED colour configurability, buzzer modes, optical tamper etc.)



Technical specifications

Operating Frequency	125 kHz
Voltage	+10 +30 VDC
Current Consumption	40 mA @ 24 VDC, max 65 mA
RFID chip support	UID-number of Sokymat Unique, EM 4102, EM4200, HID Proximity 26, 34, 35, 37 and 40 bits UID-number of Hitag™2 (Public mode A)
Dimensions of housing (hwxwd)	Desktop: 95 x 62 x 24 mm, Quattro N: 85,1 x 85,1 x 24 mm, Basic: 110 x 43 x 24 mm, Slim: 141 x 43 x 19 mm, Module: 72 x 37,8 x 18 mm
Material of housing	Plastic
Installation method	Quattro: To a standard electrical socket with screws
Colour	Black
Customized versions	Yes, with sticker
Protection class	IP67: with the pigtail cable option, IP54: with the connector option
IK rating	Basic: IK-10, Slim and Quattro N: IK-09
Inflammatory class	Desktop, Quattro, Basic and Slim housings: Horizontal specimen: UL94 HB, vertical specimen: UL94 V-2
Operational temperature range	-40 °C - +55 °C
Storage temperature range	-40 °C - +55 °C
I/O's	FET outputs (for tamper control and general), max 500 mA 1 General purpose input
Interfaces	Wiegand and USB. RS-232 available only for EM
USB Hi	On request
Clock & data	For HID Prox: configurable by HID Prox configuration card For all other supported card technologies: 14 BCD format
EMC	Meets CE requirements
Field strength	According to EN300330
Cable	LIYY 3m, delivered only with pigtail reader
Connector option	Basic, Slim & Quattro N (pigtail as a default)
LED	Three-colour (LED modes can also be configured)
LED control	By wire
Buzzer	Yes (Buzzer modes can also be configured)
Buzzer control	By wire
Optical Tamper	Yes, configurable
Re-read delay	Adjustable, up to 99 seconds
Configuration	Configurable

Eco 20 is a new generation of Idesco products. Eco 20 stands for less power consumption, improved connectivity with other products and smaller carbon footprint through sustainable manufacturing materials and methods. www.idesco.fi/eco20

Idesco Oy reserves the right to revise this publication and to make changes to its content as well as the right to change or discontinue these products, at any time, without obligation to notify any person or entity of such revisions or changes. All trademarks and registered trademarks are property of their respective owners. 12.10.2017 C00469E v.1.17