

7 C 2.0 Slim Pin & Quattro Pin

Reliable pin code reader with low power consumption

- Durable and reliable access control reader supporting Mifare® Classic 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



Technical specifications

Operating Frequency	13,56 MHz
Voltage	+10 +30 VDC
Current Consumption	20 mA @ 24 VDC, max 60 mA
RFID chip support	MIFARE® DESFire: UID, MIFARE® Classic: UID, MIFARE® Ultralight UID, MIFARE® Plus UID, MIFARE® SmartMX (MIFARE® Classic emulation mode), NFC (UID), Mifare Classic 7 Byte UID
Keypad	2 x 6 capacitive or 3 x 4 capacitive
Dimensions of housing (hwxwd)	Quattro Pin SD: 85,1 x 85,1 x 24 mm Quattro Pin N: 85,1 x 85,1 x 24 mm, Slim Pin: 141 x 43 x 19 mm
Material of housing	Plastic
Colour	Black
Customized versions	Yes, with sticker
Protection class	IP67, with the pigtail cable option, IP54, with the connector option
IK rating	Quattro Pin N: IK-10, Slim Pin: IK-09
Inflammatory class	Slim and Quattro 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	2 FET outputs (for tamper control and general), max 500 mA 1 General purpose input
Interfaces	RS-232, RS-485, OSDPv2, Wiegand, USB Clock & data: 10 BCD format
EMC	Meets CE requirements
Field strength	According to EN300330
Cable	LIYY 3m, delivered only with pigtail reader
Connector option	yes, pigtail as 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
Pin pad backlights	Yes, options blue, red and green
Alive message	Options for 4- bit, 6- bit, 8- bit and 38- bit message
Re-read delay	Adjustable, up to 63 seconds



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

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