



## CKZ - CONTACTLESS CARD READERS

MIFARE

### Contactless card readers (CKZ) designed for access control

CKZ-M readers from ASEC contactless products family, designed to work primary in the access control systems, are available in the most popular and advanced RFID standards. The hi-tech electronics and modular software allows easy choice of communication interface in any Wiegand format between 26 and 128 bits (user defined), ABA TRACK II format or dedicated frames. Available versions of readers are CKZ with RS 485 or RS 232. Design of the reader enables an easy configuration and functionality setting through an internal firmware downloading. ASEC engineers are ready to design special version of CKZ reader in accordance with customer demands (for example: RS 485 and Wiegand). A choice of communication interfaces makes the integration with system controllers an easy task. The reader's modern and elegant design blends into any present-day architectural setting. The strength of ABS housing and potted electronics enables installation of readers on any surface including metal, both indoor and outdoor.

advanced features

wide choice of interfaces

stylish design



MEMBER OF  GROUP

# CKZ – CONTACTLESS CARD READERS

## AUDIOVISUAL SIGNALISATION

LEDs red/green for optical indication of programming process and status.

Programmable buzzer.

Optical and audio signalization may be locally controlled by the reader processor or remotely by a system controller.

## POWER-ON SELF-DIAGNOSTIC

An automatic test including the actual configuration check is performed while the reader is turned on.

## HIGH PROTECTION OF I/O LINES

All inputs, outputs and supply lines come within three levels of protection. The reader is protected against high voltage and reversed polarization. Each line is protected by a resettable PTC fuse. Dedicated EMI filters assure correct operation in high-noise environment.

## STYLISH, MODERN HOUSING

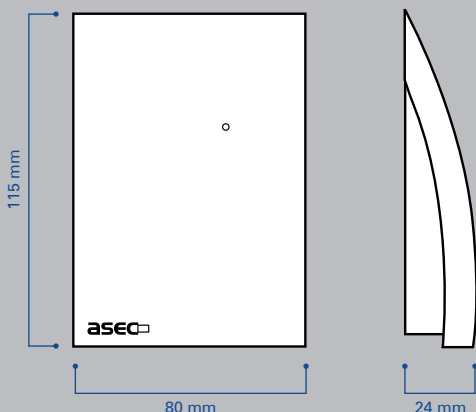
Casing made of high quality ABS assures reliable usage. The aesthetic form of housing allows installation in any contemporary architectural setting.

## READY FOR HARSH CONDITIONS

CKZ is available for both indoor and outdoor usage. Durable housing and potted electronics provide long life trouble-free usage.

## EASY INSTALLATION

CKZ reader is designed for a quick and easy installation on any surface. An outer cover can be attached to the base of the reader without any tool.



## TECHNICAL DATA

Reader type	CKZ-M
Transponder type	MIFARE
Operating frequency	13.56 MHz
Read range*	20–50 mm
Dimension	115x80x24 mm
Cable length	300 mm (or other – per customer request)
Supply voltage	7–14 V DC
Operating humidity	0–95%
Operating temperature	– 35 to 45 °C
Weight	180 g

\* Depends on transponder type and environment.

Reader type	CKZ-M	
<b>Interface</b>		
Wiegand 26	W26	<input type="checkbox"/>
Wiegand 34	W34	<input type="checkbox"/>
ABA TRACK II	ABA	<input type="checkbox"/>
RS 485 (ASCII)	ASCII	<input type="checkbox"/>
RS 232	RS 232	<input type="checkbox"/>
Wiegand custom format*	WCF	<input type="checkbox"/>
<b>Data source</b>		
Serial Number UID	N	<input type="checkbox"/>
Site Code + Card Number	S	<input type="checkbox"/>
<b>LED Control</b>		
One-line	1	<input type="checkbox"/>
Two-line	2	<input type="checkbox"/>
<b>Color of housing Schulman palette</b>		
Ivory – no 82.672	1	<input type="checkbox"/>
Beige – no 63.442	2	<input type="checkbox"/>
Grey – no 60.062	3	<input type="checkbox"/>
Computer – no 63.312	4	<input type="checkbox"/>

\* Please define

## ORDERING INFORMATION

Product code should be specified from the above table.

Sample:	Interface:	Data source:	LED Control:	Color:
<b>CKZ-M</b>	W34 <input checked="" type="checkbox"/>	S <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	3 <input checked="" type="checkbox"/>

## Certificates

FCC class B part 15, CE