

Product Information

- Single-wise processing of contactless smart cards (CSC)
- Integrated CSC antenna
- Exchangeable ticket container
- Possibility of adapting the thermal printing unit CCS 2260 KGB®
- Spending up to over 3 600 tickets per hour
- RS-232 interface
- USB interface
- Flash Memory
- Reload-function with muzzle

Produktinformation

- Einzel-Verarbeitung von Contactless Smart Cards (CSC)
- Integrierte CSC-Antenne
- Abnehmbarer Ticket-Container
- Anschluss des Thermo-Druckers CCS 2260 KGB® möglich
- Ausgabe von bis zu über 3 600 Tickets pro Stunde
- RS-232 Schnittstelle
- USB-Schnittstelle
- Flash Memory
- Reload-Funktion durch das Mundstück

Information sur le produit

- Traitement de cards sans contact (CSC)
- Antenne CSC intégrée
- Ticket conteneur échangeable
- Possibilité d'adaption d'un module imprimante thermique (CCS 2260 KGB®)
- Distribution jusqu' à 3 600 tickets par heure
- Interface RS-232
- Interface USB
- Flash Memory
- Fonctionnalité de chargement par la bouche



SINGLE CSC ISSUER

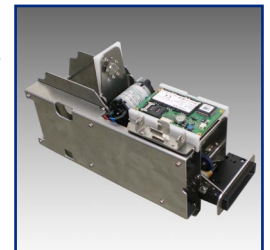
with optional thermal printer

SPENDER FÜR CSC

mit optionalem Thermo-Drucker

EMMETEUR DE CSC

avec imprimante thermique en option



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CCS
built-in reliability

Dimensions

W 125 mm H 400 mm D 310 mm

Power Supply

24 V DC (5 V DC internal)

Optional with printing module CCS 2260 KGB®:

Text printing: 150 W max.

Graphic printing: 200 W max.

Container Capacity

0.5 mm thickness: max. 680 cards

Higher container available:

0.5 mm thickness: max. 1.200 cards

Tickets

Thickness: 0.3 - 0.8 mm

Format: 54 x 85.6 mm

Material: plastics (PVC)

Processing Time

Per ticket: 1.2 s (typically)

Ticket Transport Speed

Normal transport: 300 - 500 mm/s

Interface

V.24 / RS-232: 9 600 - 115 200 Baud (RXD, TXD, GND)

Communication protocol on request

Microprocessor System

1 x ATMEL ATmega 1280 (Flash Memory)
with firmware

1 x Single chip

Memory

128 KiB Flash Memory

8 KiB RAM, 32 KiB EEPROM

Maintenance and Service

Every 6 months or every 250 000 tickets:

Check separating roller

Every 6 months or every 500 000 tickets:

Check belts, photocells and DC motors

Every 12 months or every 6 000 000 tickets:

Check stepper motor and rollers

Environment

Range of temperature: 0 - 50 °C

Air humidity (RH): 20 - 80 %

non condensing

Vibration: 10 - 55 Hz

2 mm amplitude

along axis x, y and z

for max. 30 minutes

Reliability

MTBF*: > 20 000 h

MCBF*: > 200 000 tickets

MTRR: < 0.5 h in workshop

** without wear parts*

