Copier Accounting System COPYTRON®
Contactless Mifare®-Key

The Mifare®-Chip in form of a key fob is perfect for all access control systems as well as all accounting systems that only require identification. The Mifare® chip in key fob form is available in two versions:

Without imprint

with the last 6 digits of the hardware serial number

Dimensions

Ø32mm x 58mm

Selectable colours for the key fob housing

- ■ black (ca. RAL 9011)
- ■ red (ca. RAL 3016)
- ■ green (ca. RAL 6029)
- ■ yellow (ca. RAL 1012)
- ■ blue (ca. RAL 5003)

Colour of the lid

grey (ca. RAL 7047)

Security features

- Fast anti-collision protocol
- Individual access codes for each sector (2x48 bit each)
- Individual access rights for each block
- Mutual authentication
- Data encryption during transmission
- CRC Checksum formation

System features of the Mifare® card Standard

Data transmission:	contactless	Chip life:	100.000 write cycles, 10 years data retention
Frequency:	13,56 MHz		
Total memory capacity:	1024 Bytes x 8 Bit (1kByte) EEPROM	Transmission time read/write:	2,5 µs / 25 µs
		Transaction times:	< 100 ms
Usable storage capacity:	768 Bytes	Range:	up to 100 mm read/write distance (depending on antenna)
Distribution of storage capacity:	16 sectors with 4 blocks of 16 Bytes each		