

## Access Terminal TMC410

(Identification by PIN)

### Applications

- Access control
- Time recording
- Time management
- Door management
- Parking systems
- Elevator control

secure, manage, book



XMP-TMC-410

### Funktionen

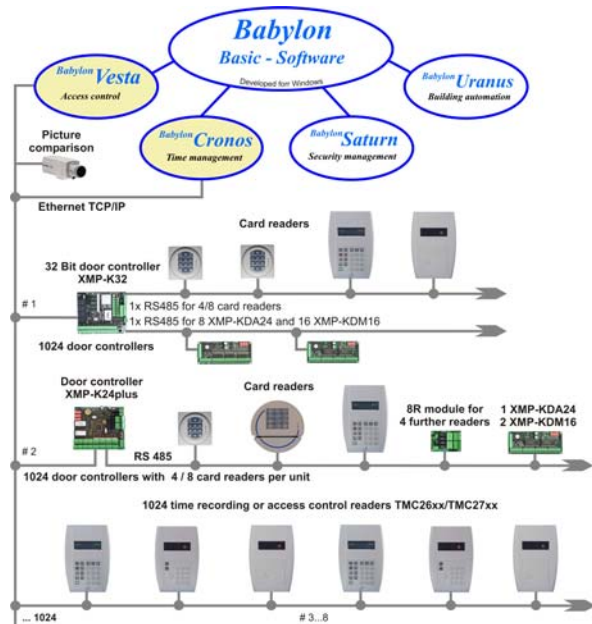
- The identification is realised by PIN code input, exclusively.
- connection to the door control units XMP-K32(lite) or XMP-K24<sup>plus</sup> via UCI protocol (up to 8 readers)
- address setting by micro switch
- sabotage contact
- standard casing for mounting in standard switch boxes
- wall mounting possible by finary frames (accessories)
- easy installation by Phoenix connectors
- signaller:  
3 x LED's (red, green, yellow)  
1 x buzzer
- weatherproofed

### Technical data

- **casing:** ABS material
- **color :** papyrus white RAL 9002
- **dimensions (WxHxD):** 80 x 80 x 25 mm
- **Type of protection:** max. IP 54
- **voltage supply:** 12-24 V (AC / DC)
- **current consumption:** ca.80 mA in case of 12V DC
- **Environmental conditions:**  
-20°C up to +70°C (operation and storage)
- **interfaces:** RS 485 (2 wire)
- **processor:** ATMEL 89C51  
8 Bit; 11 MHz; CMOS-Design
- **program memory:** Flash memory 128kB
- **accessories:** finary frame XMP-TMC2006-850

#### Important customer information!

Defective circuit boards must be disposed in competent manner. Old batteries and accumulators are hazardous waste. The package can be used again or can be disposed. The green filling material can be disposed as bio waste.



XMP-TMC410

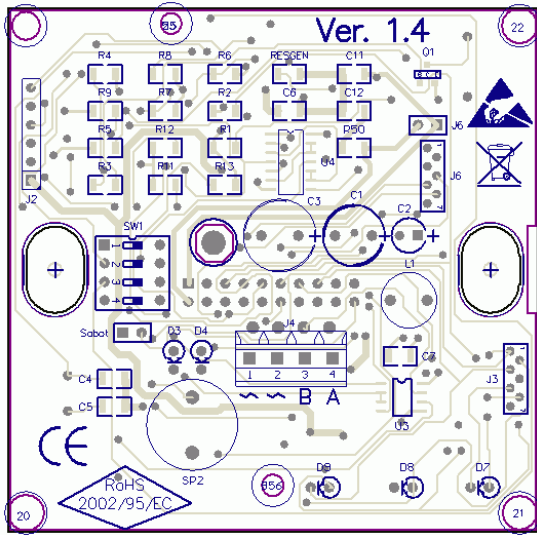
(up to 8 readers are connectable to the door control units XMP-K32 or XMP-K24<sup>plus</sup>)

### Legend

**XMP-K32(lite)/K24<sup>plus</sup>:** Intelligent door control unit with RS485 interface. Up to 8 access terminals are connectable. The XMP-K32(lite)/XMP-K24<sup>plus</sup> is equipped with 8 binary outputs and 16 binary inputs. It can be used for the control of:

- barriers
- doors
- locks
- tableau-displays
- turnstiles
- traffic lights
- signalling devices

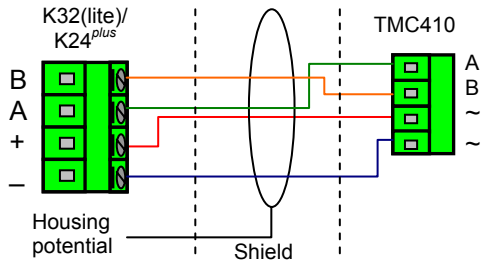
**Order-Number: XMP-TMC410**



Backside of the reader

**Connection clamps of the XMP-TMC410**

TMC410	K32/ K32lite	K24 <sup>plus</sup>	Description
~	+ or -	+ or -	Voltage supply
~	+ or -	+ or -	Voltage supply
B	B	B	Reader interface
A	A	A	Reader interface



Scheme for the connection of the reader to the XMP-K24<sup>plus</sup>

**Hints for wiring:**

The supply voltage can be supplied by the corresponding door control unit, centrally (recommendation). In this case the following distances must be considered:

Distance	Cable type
Up to 200 m	2x2x0,8 (shielded)

**Meaning of the micro switches SW1**

Switch	Meaning
1-3	For binary setting of the reader addresses 0..7 (e.g. only switch 1 = ON → reader address 1, or only switch 3 = ON → reader address 4, or 1, 2 and 3 = ON → reader address 7)
4	Default OFF

**Hints for parameter setting**

Into the **K32- or K24 Parameters** the **UCI-Protocol with the specification OMRON magnet-stripe 5 bit** must be set for the reader. Instead of a 6 digit badge number a maximum 6 digit PIN will be transmitted at the same position. The information starts at position 09.

→ **K32/K24 Parameters:**

(01, 02, 03, ..., 13, 14)

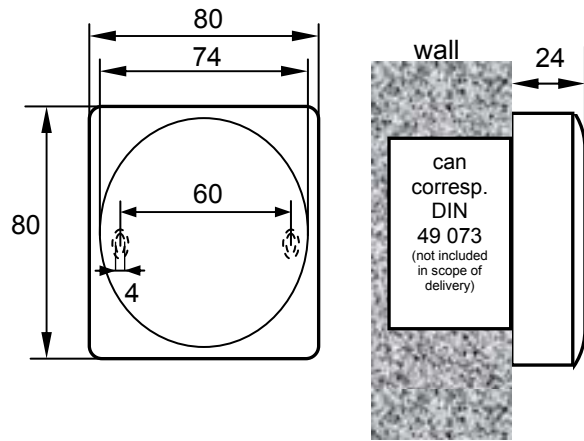
→ **Access control parameters (online) and badge structure of K24/K32 (offline)**

- (09, 10, 11, 12, 13, 14, ... ) 6 digit or
- ( , 09, 10, 11, 12, 13, ... ) 5 digit etc.
- ( , , , , , , , 09, ... ) 1 digit

**Meaning of the LEDs**

- Yellow: Operation state
- Red: Not authorized
- Green: Authorized

**Build in dimensions in mm**



Readers with stable frame **XMP-TMC-860** for the surface-montage.

Dimensions of the framework:  
86.0 x 86.0 x 23.3mm

