Access control or similar

I/O module Cable

Cable transition

Connecting cable

Power supply unit 12/24 V DC

Can be used for all ÜLock cables.

1. TECHNICAL DATA

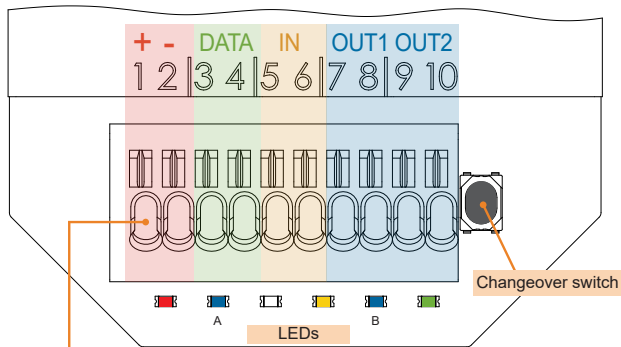|	
Dimensions:	45 x 45 x 20 mm
Housing:	flush mounting, plastic, IP 20
Temperature range:	-20 to +50°C at 30-80% relative humidity
Outputs/relay:	potential-free, switching capacity max. 30 V AC/DC, 0.5 A
Cable length:	10 m between lock and I/O module
Cable extension:	max. 10 m, cross-section min. 0.5 mm²

2. MOUNTING AND OPENING FUNCTIONS

Mounting e.g. in a flush-mounted box or in a control cabinet near the door. Power supply: 12-24 V DC. Power and data transmission to the lock via connecting cable.

The handle is activated by a short-time impulse for one-time door access (5 seconds) or permanently when a continuous signal is applied.

In addition to the output signal "Locked" (OUT 1), the second feedback (OUT 2) can be set via the changeover switch.

MOUNTING

LOCK

I/O MODULE CABLE INSTRUCTIONS

3. TERMINAL ASSIGNMENT

Cable cross-section: 0.2 - 0.5 mm², insulation stripping: 8 mm

LED signals in operating mode

LED	Signal	Function
Blue (A)	LED on	Locked and lever handle deactivated
Blue (B)	LED on	Output OUT 2 closed
Blue (A+B)	LEDs flash	Lock not connected
White	LED on	Opening signal

Voltage input

Terminal	Function
1	Input voltage 12-24 V DC ± 10%
2	Input voltage GND

Data (cable connection to the lock)

Terminal	Function
3	Power and data line (white)
4	GND and data line (brown)

Input

Potential free signal or 6-24 V AC/DC

Input	Terminal	Function
IN	5/6	Short-term activation (5 sec.) or permanent activation

Outputs

The desired potential-free output signal OUT 2 can be set by pressing the changeover button.

Output	Terminal	Contact	Function
OUT 1	7/8	NO	Locked and lever handle deactivated
OUT 2	9/10	NO	(1) Unlocked
			(2) Lever handle/outside lever handle activated
			(3) Profile cylinder actuated
			(4) Lever handle actuated
			(5) Inner lever handle actuated
NO = normally open contact			(6) Locked (independent of the lever handle activation status)

LED signals when setting the output signal (OUT 2)

LED	Signal	Setting OUT 2
Red	LED on	Lever handle/outside lever handle activated
	LED flashes	Inner lever handle actuated
Yellow	LED on	Profile cylinder actuated
	LED flashes	Locked (independent of the lever handle activation status)
Green	LED on	Handle/outside handle actuated
	LED flashes	All bolts retracted