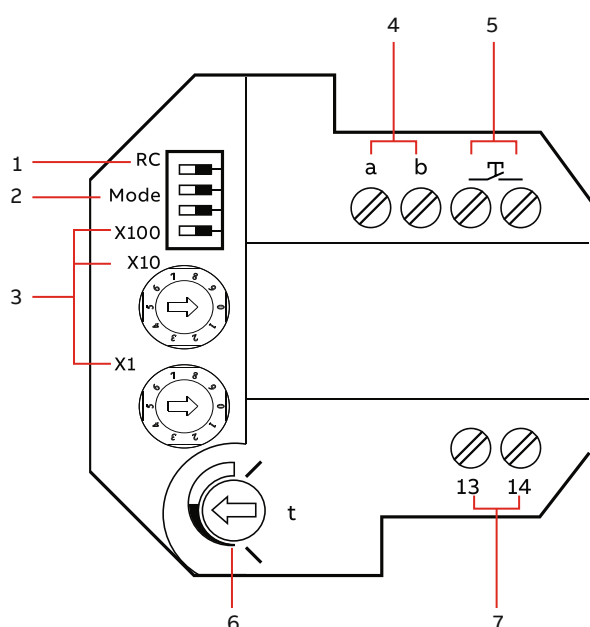ABB

ABB Welcome™
M2305 Switch actuator

The switch actuator can be used to control equipment such as doorbells, garage doors, lights, etc. It can also extend the doorbell function and serve as a time relay. Up to 199 of these can be implemented in one system.

Key features
- This compact device has 3 working modes: extend doorbell, door opener and time relay.
- Local pushbutton can be connected as control input.
- The switching duration of unlocking or switching on lights is adjustable.
- Flush-mounted or DIN rail mounted via DIN adaptor (Catalog no. 53001DR).

Functions
1. Terminal resistor ON/OFF
2. For operating the mode switchover button
3. Rotary switches for addressing
4. Bus in/out
5. Connection with pushbutton (exit button, doorbell)
6. Adjust relay switching time
7. Floating output for door opener or light

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Specifications

Operating temperature	-13 °F to +131 °F
Single-wire clamps	2 x 22AWG - 2 x 16AWG
Fine-wire clamps	2 x 22AWG - 2 x 16AWG
Ingress protection	IP30
Floating output	100-240 VAC/30 VDC 3 A; 30 VAC/DC; 3 A
Bus voltage (a, b)	20-30 VDC (Supplied by system controller or auxiliary power supply)
Flammability	UL 94 V0
Product dimensions	2.01" x 2.01" x 1.14"