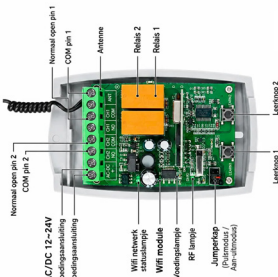


DOORsafe ENG DS4913 Unlock controller 	APP DOWNLOAD → Download the app:  Smart Life or Tuya Smart (both)  This unlock controller has 2 connection points for a lock, gate or garage door. 1. Switch (relay) CH1: NO & COM 2. Switch (relay) CH2: NO & COM Both switches can be operated with a remote control or with the app. These two relays are potential-free contacts, also known as dry contacts. This means the relay outputs do not supply voltage themselves. If the connected device requires a supply voltage, a separate circuit with a suitable power supply must be installed. Wire the circuit as follows: 1. From – of the power supply to COM 2. From NO to the lock/gate/garage door 3. From the lock/gate/garage door to + of the power supply The maximum switching current is 3 A.	PUTTING INTO OPERATION 1. Open the unit: Undo the screw at the bottom and open the product. 2. Connect the power supply: Connect a 12-24 V AC or DC power supply to the 2 rightmost terminals. Which terminal is + or – does not matter for either AC or DC. 3. Pair remote control(s): Press the LEARN1 button. A red LED lights up. Press a button on the remote control. The LED turns off again. Test by pressing the remote-control button again. The red LED must light up every time the remote-control button is pressed. Repeat this for the second relay with a possible second button on the remote control, or with a second remote control, by pressing the LEARN2 button. The LEARN1 button is linked to unlock switch CH1. The LEARN2 button is linked to switch CH2. Press LEARN1 or LEARN2 8 times to unpair the remote control. A maximum of 10 remote controls can be paired per relay.	PUTTING INTO OPERATION 4. Pair with the app: → Connect the smartphone to the 2.4 GHz Wi-Fi network. → Turn on Bluetooth on the smartphone (this can be turned off later. Bluetooth is only needed to make pairing with the app easier). → Download the app and create an account with an email address. → Open the unlock controller and connect it to a power supply. → Make sure the blue LED is flashing. If it is not, press LEARN1 for more than 8 seconds. → In the app, choose "Add device" / "Add now", or tap "+" at the top right and then "Add Device". → Select the controller in the app. It appears because the smartphone finds the device via Bluetooth and is named: "Wi-Fi&RF smart 2CH switch". → Enter the Wi-Fi password. → Change the name if required. This can also be done later. → Tap the confirm button in the app. The controller is then ready for use. → The blue LED stays on continuously when the Wi-Fi and app connection is good.	PUTTING INTO OPERATION 5. Share with additional users: Each extra user must create their own account in the app with their own email address. Select the controller in the app. Tap "... at the top right. Choose "Share device". Choose "Smart Life" or Tuya account". Enter the extra user's email address under "Account". The email address is the account number. 6. Change the switching mode: If required, change the switching mode by moving the jumper near the LEDs. Pulse mode – jumper on the right on M One press of the button switches the relay on briefly. The relay then returns automatically to its original state. This mode is suitable for most gate and garage-door operators that are controlled with a short switching pulse. The pulse duration cannot be adjusted manually. On/off mode – jumper on the left on T One press switches the relay on. The next press switches the relay off again. This mode is suitable for applications where the contact must remain on. RESET Press LEARN1 button for more than 8 seconds to reset this product.
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DS4931 Unlock controller

The diagram shows the internal components of the DS4931 Unlock controller. Key parts labeled include:

- AC/DC 12-24V Voedingaanvoeding**: Power input at pin 1.
- Voedingaanvoeding**: Power output at pin 2.
- Antenne**: Connected to COM pin 1.
- Relais 2** and **Relais 1**: Relay components.
- WiFi module**: Wireless communication module.
- RF module**: Radio frequency module.
- Jumperkopje (Aan-/Uit-modus)**: Switch for mode selection.
- Ledloop 1** and **Ledloop 2**: LED indicators.

APP DOWNLOAD

→ Download de app:

Smart Life
of
Tuya Smart
(cellulaire app)

Er zitten op deze unlock-controller 2 aansluitpunten voor een slot, poort of garagedeur:

- Schakelaar (relais) CH1: NO & COM**
- Schakelaar (relais) CH2: NO & COM**

Beide schakelaars kunnen worden bediend met een afstandsbediening of met de app.

Deze twee relais zijn potentiaalvrij te bedienen, ook wel dry contacts genoemd. Dit betekent dat de relaisuitgangen zelf geen spanning leveren. Wanneer het aangesloten apparaat een voedingspanning nodig heeft, moet hiervoor een aparte stroomkring met een geschikte voeding worden aangelegd. Maak hiervoor een kring:

- Van de - van de voeding naar COM
- Van NO naar slot/poort/garagedeur
- Van slot/poort/garagedeur naar de + van de voeding

De maximale schakelstroom bedraagt 3 A.

IN GEBRUIK NEMEN

1. Openmaken:
Schroef het schroefje aan de onderkant los en open het product.

2. Aansluiten op voeding:
Sluit een 12–24 V AC- of DC-voeding aan op de 2 meest rechse poorten. Waar + en – worden aangesloten, maakt bij zowel AC als DC niet uit.

3. Afstandsbediening(en) koppelen:
Druk op de knop LEARN1. Er gaat een rood ledje branden. Druk op een knop op de afstandsbediening. De led gaat weer uit. Test door opnieuw op de knop op de afstandsbediening te drukken.
De rode led moet elke keer gaan branden als er op de knop van de afstandsbediening wordt gedrukt.
Herhaal dit voor de tweede relais met een eventuele tweede knop op de afstandsbediening of voor een tweede afstandsbediening door op de knop LEARN2 te drukken.

De knop LEARN1 is gekoppeld aan de unlock-schakelaar CH1. De knop LEARN2 is gekoppeld aan schakelaar CH2.

Druk 8 keer op LEARN1 of LEARN2 om de koppeling met de afstandsbediening te verbreken. Er kunnen max. 10 afstandsbedieningen per relais worden gekoppeld.

IN GEBRUIK NEMEN

4. Koppelen met de app:

- Laat de smartphone verbinden met het eigen 2,4 GHz-wifi-netwerk.
- Zet Bluetooth aan op de smartphone (dit kan later weer uit). Bluetooth is alleen nodig om het koppelen met de app makkelijker te maken).
- Download de app en maak een account aan met een emailadres.
- Maak de unlock-controller open en sluit deze aan op een voeding.
- Zorg dat de blauwe led knippert. Is dat niet het geval, druk dan langer dan 8 seconden op de knop LEARN1.
- Kies in de app: ‘Toestel toevoegen / Add now’ of rechtsboven ‘+’ en ‘Add Device’.
- Kies in de app de controller. Deze verschijnt omdat de smartphone het apparaat via Bluetooth vindt en heet: ‘WIFI&RF smart ZCH switch’.
- Voer het eigen wifwachtwoord in.
- Verander eventueel de naam. Dit kan later ook nog.
- Druk op de bevestigingsknop in de app. Hierna is de controller klaar voor gebruik.
- De blauwe led brandt continu bij een goede wifi- en app-verbinding.

IN GEBRUIK NEMEN

5. Delen met extra gebruikers: Iedere extra gebruiker moet een eigen account aanmaken in de app met een eigen e-mailadres. Selecteer de controller in de app. Kies de ‘...’ rechtsboven, Kies ‘Toestel delen’. Kies ‘Smart Life- of Tuya-account’. Voer het e-mailadres van de extra gebruiker in bij ‘Account’. Het e-mailadres is het accountnummer.

6. Aanpassen schakelmodus: Pas eventueel de schakelmodus aan door de positie van de jumper in de buurt van de ledjes te wijzigen.

Pulsmodus – Jumper rechts op M
Bij één druk op de knop wordt het relais kort ingeschakeld. Daarna keert het relais automatisch terug naar de oorspronkelijke stand. Deze modus is geschikt voor de meeste poort- en garagedeuren die met een korte schakelpuls worden bediend. De pulsduur kan niet handmatig worden aangepast.

Aan/uit-modus – Jumper links op T
Bij één druk wordt het relais ingeschakeld. Bij de volgende druk wordt het relais weer uitgeschakeld. Deze modus is geschikt voor toepassingen waarbij het contact ingeschakeld moet blijven.

RESET
Druk langer dan 8 seconden op de knop LEARN1 voor een reset van dit product.

door safe DS4931 Unlock controller → Laden Sie die App herunter: An diesem Unlock-Controller befinden sich 2 Anschlüsse für ein Schloss, ein Tor oder ein Garagentor: 1 - Schalter (Relais) CH1: NO & COM 2 - Schalter (Relais) CH2: NO & COM Beide Schalter können mit einer Fernbedienung oder mit der App bedient werden. Diese beiden Relais sind potentialfreie Kontakte, auch Dry Contacts genannt. Das bedeutet, dass die Relaisausgänge selbst keine Spannung liefern. Benötigt das angeschlossene Gerät eine Versorgungsspannung, muss dafür ein separater Stromkreis mit einer geeigneten Stromversorgung angelegt werden. Stromkreise wie folgt aufbauen: 1. Von - der Stromversorgung nach COM 2. Von NO zum Schloss/Tor/Garagentor 3. Vom Schloss/Tor/Garagentor nach + der Stromversorgung Der maximale Schaltstrom beträgt 3 A.	ZUR APP HINZUFÜGEN Smart Life oder Tuya Smart (gleiche app)	IN BETRIEB NEHMEN 1. Öffnen: Schraube an der Unterseite lösen und das Produkt öffnen. 2. Stromversorgung anschließen: Eine 12–24 V-AC- oder DC-Stromversorgung an die 2 rechten Anschlüsse anschließen. Ob + oder - wo angeschlossen wird, ist bei AC und DC egal. 3. Fernbedienung(en) koppeln: Taste LEARN1 drücken. Eine rote LED leuchtet auf. Eine Taste auf der Fernbedienung drücken. Die LED erlischt wieder. Zum Testen erneut die Taste auf der Fernbedienung drücken. Die rote LED muss jedes Mal aufleuchten, wenn die Taste der Fernbedienung gedrückt wird. Für das zweite Relais mit einer eventuellen zweiten Taste auf der Fernbedienung oder mit einer zweiten Fernbedienung wiederholen: Taste LEARN2 drücken.	IN BETRIEB NEHMEN 4. Mit der App koppeln: → Smartphone mit dem eigenen 2,4-GHz-WLAN-Netzwerk verbinden. → Bluetooth am Smartphone einschalten (kann später wieder ausgeschaltet werden; Bluetooth wird nur benötigt, um das Koppeln mit der App zu erleichtern). → App herunterladen und ein Konto mit einer E-Mail-Adresse anlegen. → Unlock-Controller öffnen und an eine Stromversorgung anschließen. → Sicherstellen, dass die blaue LED blinkt. Ist das nicht der Fall, LEARN1 länger als 8 Sekunden drücken. → In der App wählen: „Gerät hinzufügen / Add now“ oder oben rechts „+“ und „Add Device“. → In der App den Controller wählen. Das Gerät erscheint, weil das Smartphone es per Bluetooth findet, und heißt: „WiFi&RF smart 2CH switch“. → Eigenes WLAN-Passwort eingeben. → Namen gegebenenfalls ändern. Das ist später ebenfalls möglich. → Bestätigungstaste in der App drücken. Danach ist der Controller betriebsbereit. → Bei guter WLAN- und App-Verbindung leuchtet die blaue LED dauerhaft.	EINSTELLUNGEN 5. Mit weiteren Benutzern teilen: Jeder weitere Benutzer muss in der App ein eigenes Konto mit einer eigenen E-Mail-Adresse anlegen. Controller in der App auswählen. Oben rechts „+“ wählen. „Gerät teilen“ wählen. „Smart-Life- oder Tuya-Konto“ wählen. E-Mail-Adresse des weiteren Benutzers bei „Konto“ eingeben. Die E-Mail-Adresse ist die Kontonummer. 6. Schaltmodus anpassen: Schaltmodus gegebenenfalls ändern, indem die Position des Jumpers in der Nähe der LEDs angepasst wird. Pulsmodus – Jumper rechts auf M Bei einem Tastendruck wird das Relais kurz eingeschaltet. Danach kehrt das Relais automatisch in die Ausgangsstellung zurück. Dieser Modus eignet sich für die meisten Tor- und Garagentorantriebe, die mit einem kurzen Schallimpuls bedient werden. Die Pulsdauer kann nicht manuell angepasst werden. Ein-/Aus-Modus – Jumper links auf T Bei einem Tastendruck wird das Relais eingeschaltet. Beim nächsten Tastendruck wird das Relais wieder ausgeschaltet. Dieser Modus eignet sich für Anwendungen, bei denen der Kontakt eingeschaltet bleiben muss. RESET Taste LEARN1 länger als 8 Sekunden drücken, um das Produkt zurückzusetzen.
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