prisma button

MANUAL
INSTALLATION

800

ELBOW SWITCH
ACTIVATION PANEL

PRISMATIBRO

MOUNTING AND INSTALLATION

- Remove the top lid **A** and bottom lid **I** in accordance with image on the next page, and pull out the push front **F** from the outer profile **E**
- Set the dip-switches as desired, as described on the last page
- Adjust the length of the wire from the wall box to the connection terminal with a good margin.
- Thread the cabling through the cable outlet **C** on the outer profile **E**
- Install the cabling according to diagram **J**
- Slide the push front **F** down the outer profile **E** so they are edge to edge
- Mount outer profile **E** with screws at screw holes **B** and **I**
- Drill a drainage hole in the marked depression in the bottom cover
- Mount the top lid **A** and bottom lid **I** so it "clicks"
- Turn on, wait a few seconds until the unit starts.
- **NOTE**
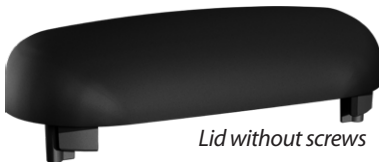 See further information about the lids on the next page

Watch the instruction film
Short of space when mounting?
Scann QR-code with
smartphone or tablet.
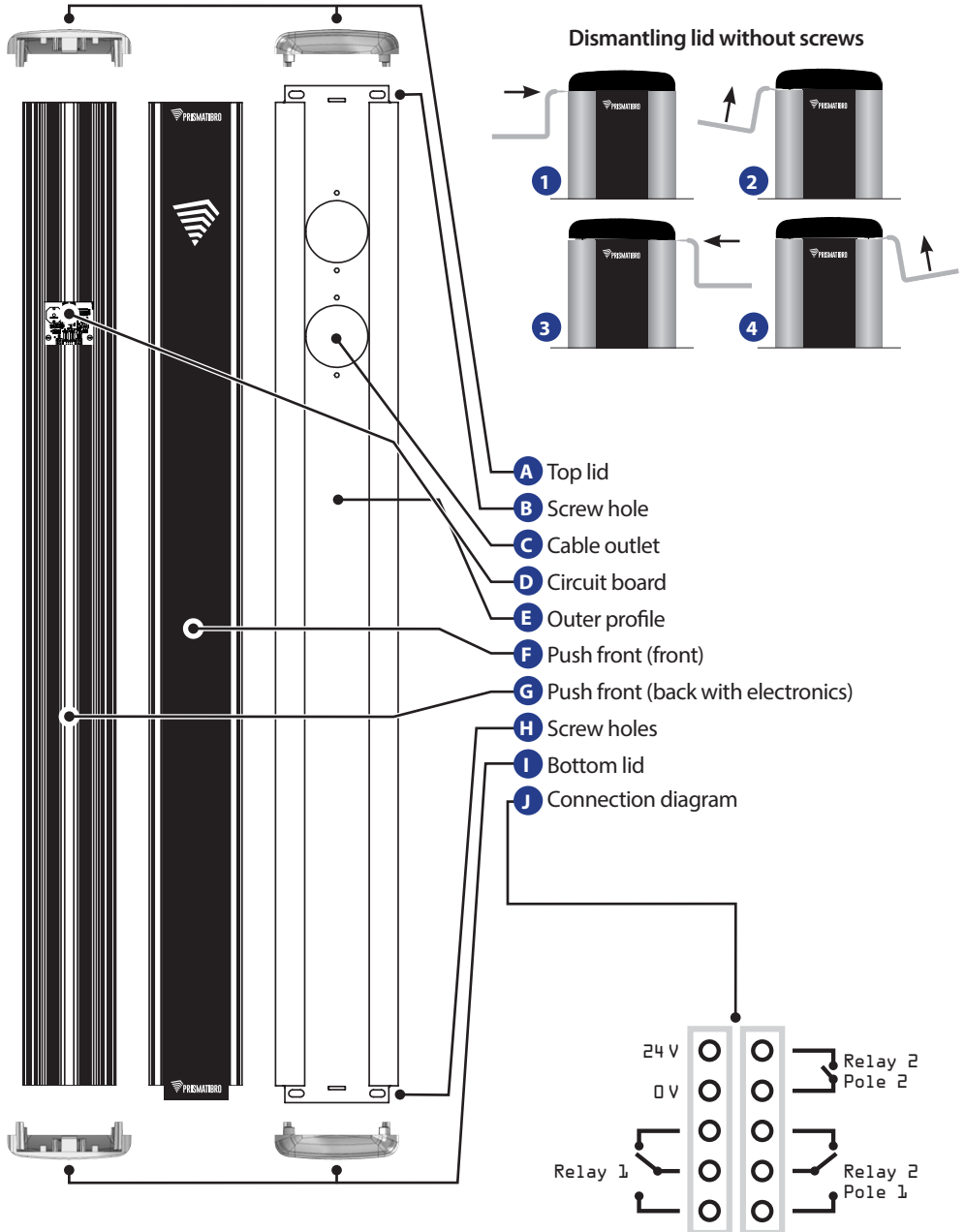
LID

Two combinations
The choice is made during purchase order with end customers decision.
1.
Top lid and bottom lid with screws.
2.
Top lid without screws, bottom lid with screws.

Lid without screws

Lid with screws

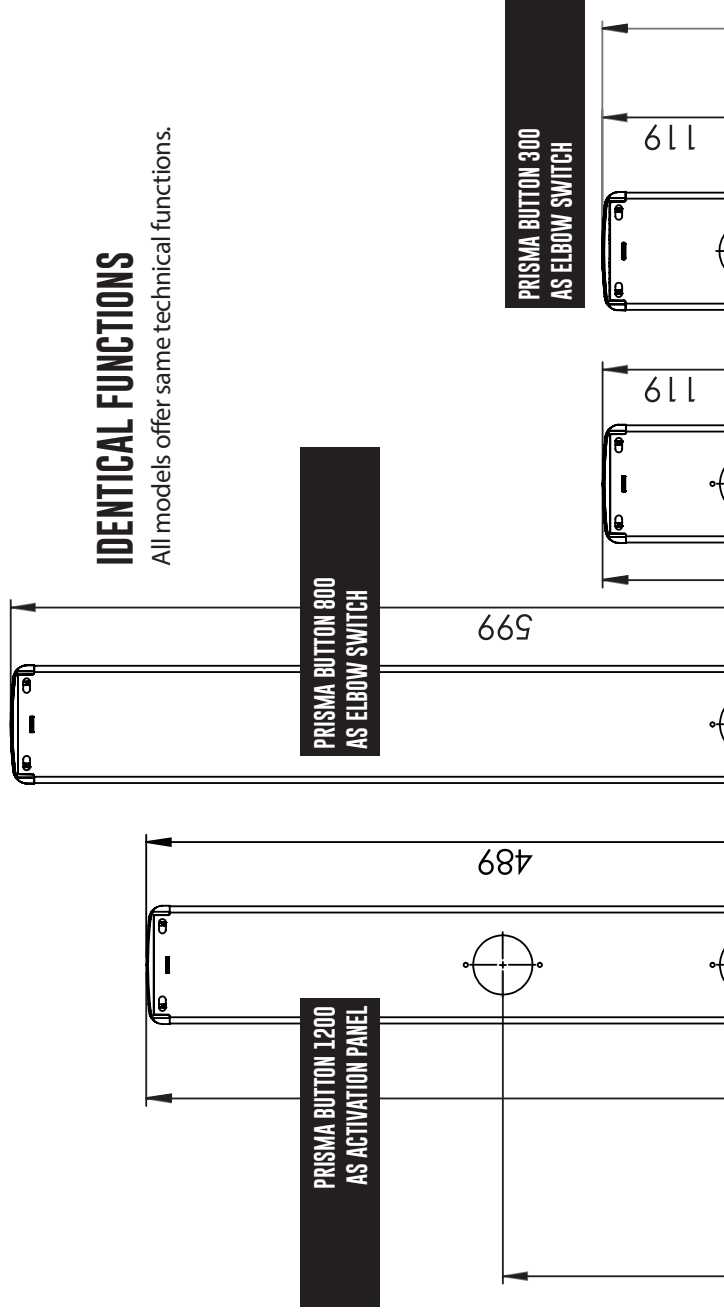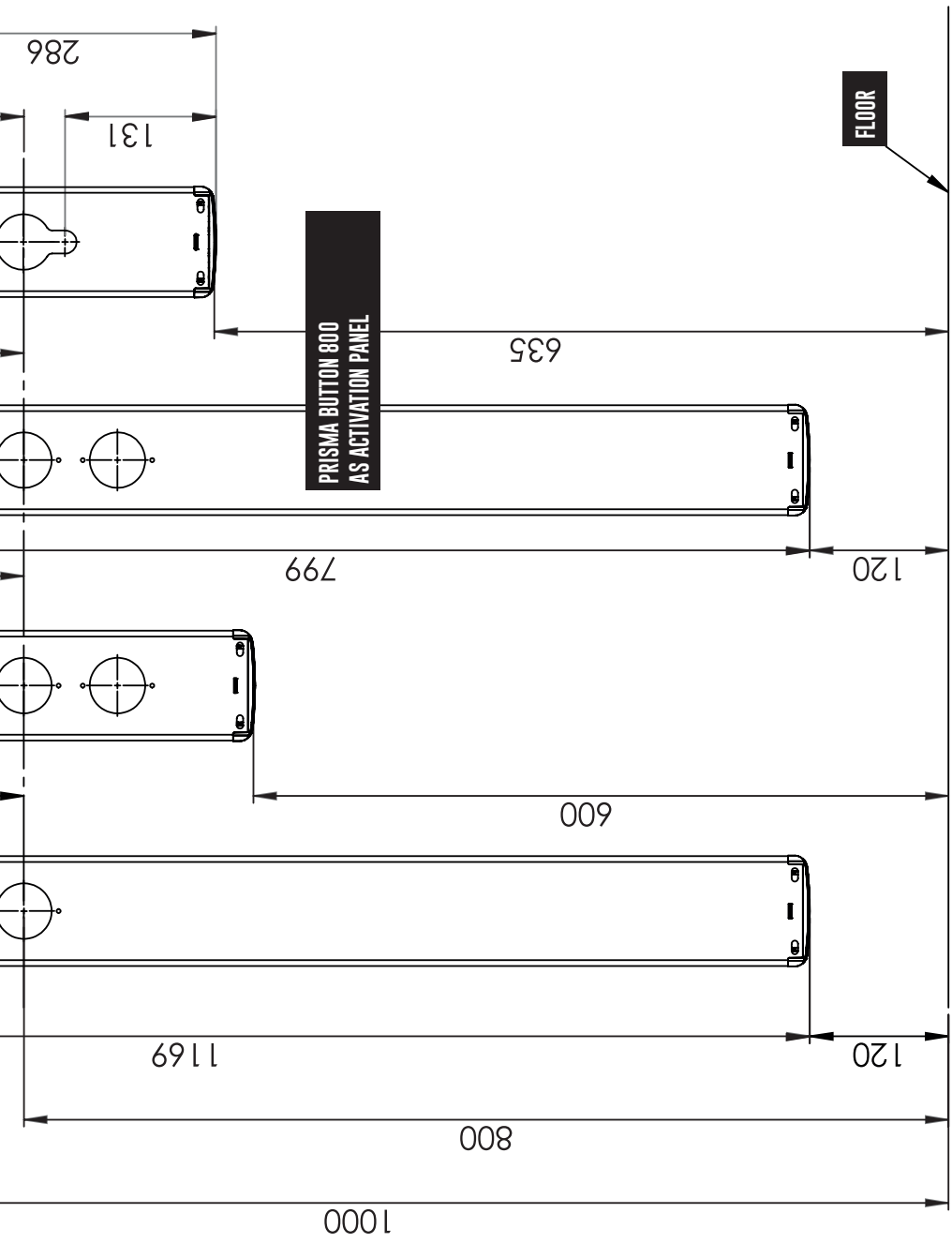| TECHNICAL SPECS	
Dimensions	799 x 95 x 25 mm
Weight	1,3 kg
Power supply	18-30 VDC
Connection cable	2 wires for power supply 2 wires for signaling door automatics To be able to use all functions in both relays two more wires are required. Total of six wires.
Relays, 2 pcs	Relay 1: one alternating connection Relay 2: one alternating, one closed connection
Power consumption	Standby $\approx$ 30mA Activated $\approx$ Max 47mA
Relay, max rated current	Maximum per pole 2A
Material Outer profile and Push front	Aluminum
Material Lids	Polyamide

EXPLOADED VIEW

PRISMATIBRO

Dismantling lid without screws

1

2

3

4

A Top lid

B Screw hole

C Cable outlet

D Circuit board

E Outer profile

F Push front (front)

G Push front (back with electronics)

H Screw holes

I Bottom lid

J Connection diagram

24 V

0 V

Relay 1

Relay 2
Pole 2

Relay 2
Pole 1

Prisma Button

ALTERNATIVE MOUNTING

IDENTICAL FUNCTIONS

All models offer same technical functions.

PRISMA BUTTON 1200 AS ACTIVATION PANEL

489

PRISMA BUTTON 800 AS ELBOW SWITCH

599

PRISMA BUTTON 300 AS ELBOW SWITCH

119

119

286

131

PRISMA BUTTON 800
AS ACTIVATION PANEL

FLOOR

635

799

120
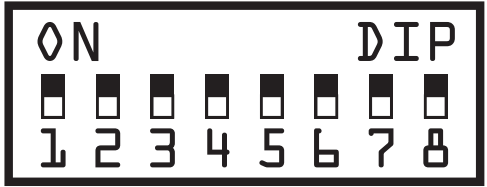
600

1169

120

800

1000

DIP-SWITCH

When delievered
All 8 dip switches are set in
OFF mode which means:
Push activates
relay 1 = "locking mechanism"
after 0,2 sec activates
relay 2 = door opening

ON ↕ OFF

```
ON                    DIP
■  ■  ■  ■  ■  ■  ■  ■
1  2  3  4  5  6  7  8
```

NOTE Dip-switch "Extended push" and "Nurse Bed" cannot be activated at the same time.

EXTENDED PUSH

Press and hold the push front for 1.5 seconds to activate.
Dip-switch 1: ON
NOTE If dip-switch 8 is set ON this function will be deactivated

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```

Press and hold the push front for 3 seconds to activate.
Dip-switch 2: ON
NOTE If dip-switch 8 is set ON this function will be deactivated

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```

Press and hold the push front for 6 seconds to activate.
Dip-switch 1 and 2: ON
NOTE If dip-switch 8 is set ON this function will be deactivated.

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```
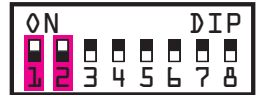
KICK FUNCTION

Excessive violence protection will be deactivated and Prisma Button will accept stronger push/kick.

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```
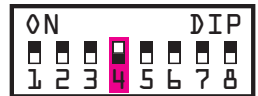Dip-switch 3: On

LIMITED RELAY CONNECTING TIME

You can choose the option of a relay connecting time for max 1 second.
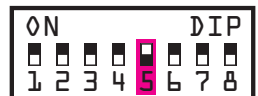It will only recieve one signal no matter the pressure time on the push front.

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```
Dip-switch 4: ON

NOTIFICATION SOUND

When you press the push front there is a notification sound.

```
ON          DIP
■ ■ ■ ■ ■ ■ ■ ■
1 2 3 4 5 6 7 8
```
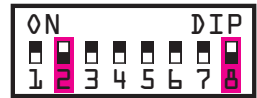Dip-switch 5: ON

LOCK OPENING, DELAYED DOOR OPENING

Can be used to control the locking mechanisms when the signal to the door opening needs to be delayed by 1,5 seconds. The function can also be used if you want unsynchronized opening of double doors.

Short press: activates relay 1, "locking mechanism".

Press 1,5 seconds: activate realy 1, "locking mechanism" directly.

When pressed for 1,5 seconds, relay 2, "door" is also activated.

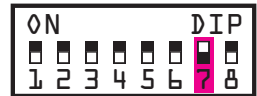Dip-switches 2 and 8: ON

ACTIVATE RELAY 1

Deactivate relay 2

Dip-switch 6: ON

ACTIVATE RELAY 2

Deactivate relay 1

Dip-switch 7: ON

NURSE BED FUNCTION 1

Control the pair doors in different ways, depending the pressure on the push front.

Direct push: activate relay 1, "Door 1"

Extended push 1.5 seconds activate relay 2, "Door 2".

Dip-switch 8: ON

NURSE BED FUNCTION 2

Control pair doors in different ways depending the pressure on the push front.

Direct push: activate relay, 1 "Door 1"

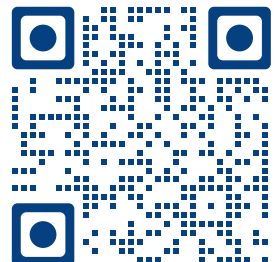Extended push 1.5 seconds aktivate relay 1+2, "Door 1" and "Door 2".

Dip-switch 1 and 8: ON

LIVE-DEMO

Best user experience on a computer - the screen on a smartphone is small...

prisma button

1200　　**800**　　**300**

ACCESSIBILITY FOR EVERYBODY

PRISMATIBRO

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