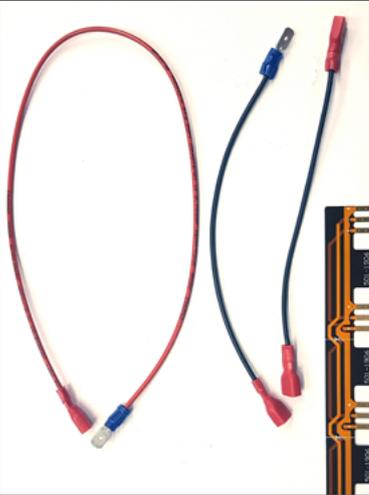
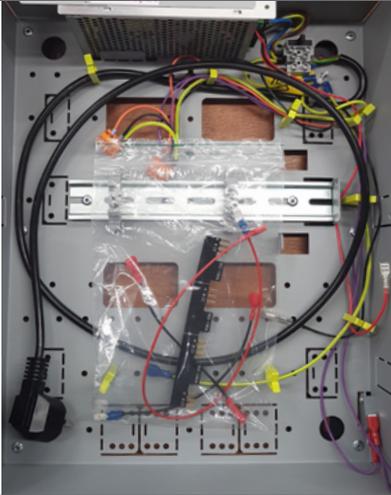


1. Packaging content



You can find the following items in this packaging:

- Assembly cabinet
- Cable set

2. Mounting module (Pluto/Orion) on din rail

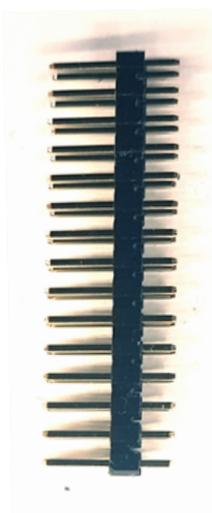


Attention: The Pluto network controller is always placed first on the most right.

Placing the module on the din rail:

1. Click the top side of the module on the din rail
2. Move the module downwards
3. Push the module to the bottom of the cabine
4. The module is now attached to the din rail

3. Press the connection of the Orion door controller



The 30-pins connection can be found in the Orion door controller packaging.

Press the short side of the 30 pins connection on the to be mounted Orion door controller. This is necessary to connect the Orion door controller to the Pluto network controller, or to connect an additional Orion door controller.





4. Connect Orion door controller and Pluto (or Orion) network controller



In this step, you press the Orion door controller to the Pluto network controller, or another Orion door controller. You need to repeat this step, if more door controllers need to be connected.

5. Power connections Pluto network controller and Orion door controller

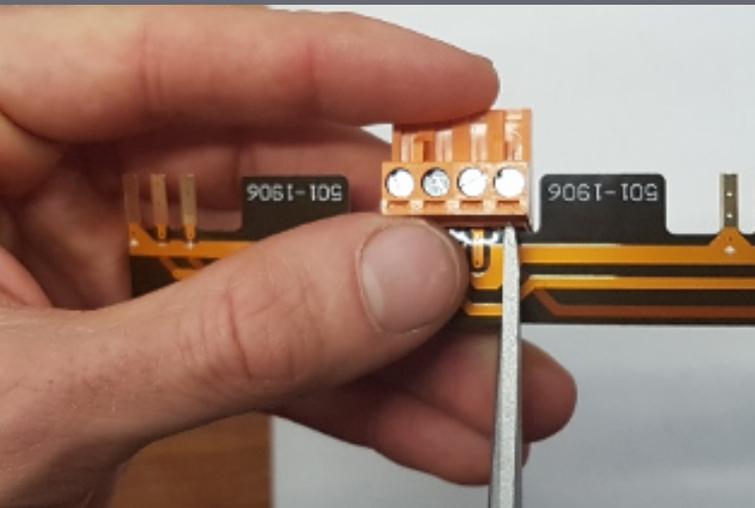


Tamper switches are connected to the Pluto network controller. The purple cable (T) on the Pluto network controller is de tamper input.



If there are only Orion door controllers (bus system), the power connection with the purple cable (T) need to be used for the first Orion door controller.

6. Preparations flexible controller cable (optional)



Only necessary when connecting multiple Orion door controllers to one Pluto network controller.

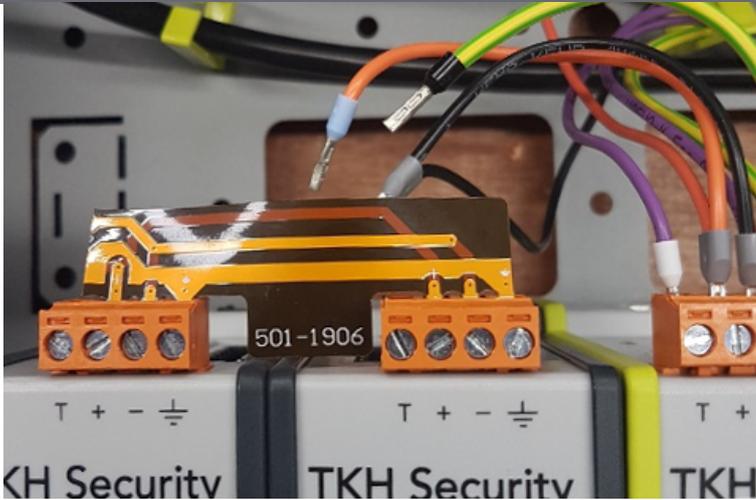


The Orion door controllers must be connected by using the supplied flexible controller cable. The flexible controller cable must be cut in length, depending on the amount of existing Orion door controllers.



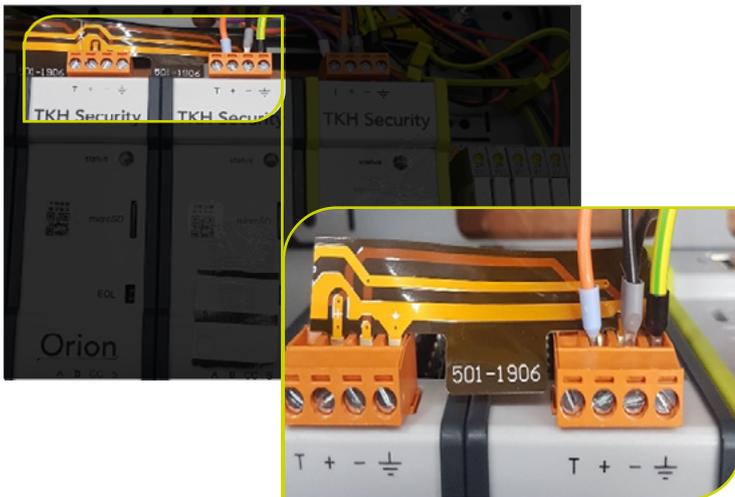


7. Connecting Orion door controllers by using a flexible controller cable (optional)



Only necessary when connecting multiple Orion door controllers to one Pluto network controller.

Place the flexible controller cable in the first Orion door controller, next to the Pluto network controller. This needs to be connected under the wiring.



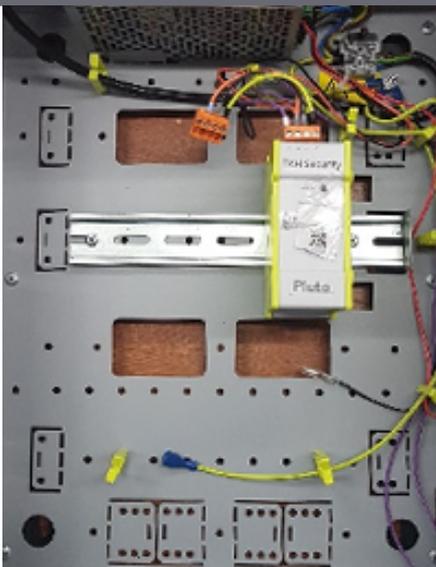


8. Expansion

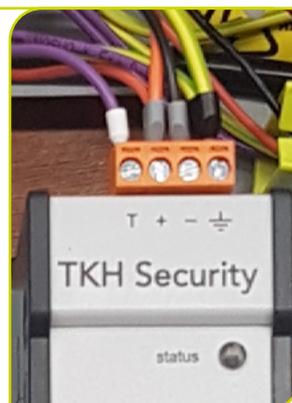


We advise you to leave some space on the left side for a possible expansion of the Orion door controllers and to place any necessary relays on the right side.

9. Only placing an Orion door controller or Pluto network controller



When only placing an Orion door controller or Pluto network controller, the connection with the purple cable is always plugged into the Orion door controller or Pluto network controller. This way, the tampering of the housing is uploaded into the module via the 'T' connection.





10. Packaging lock

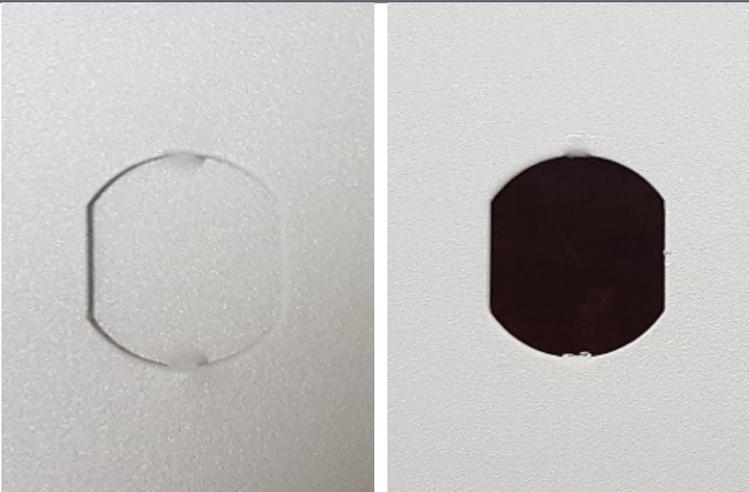


You can find the following items in this packaging:

- Lock
- Fixation slide
- Keys

These can be used to place the relay.

11. Make a recess for the lock



Break the recess from the lid to mount the lock.

12. Place the lock

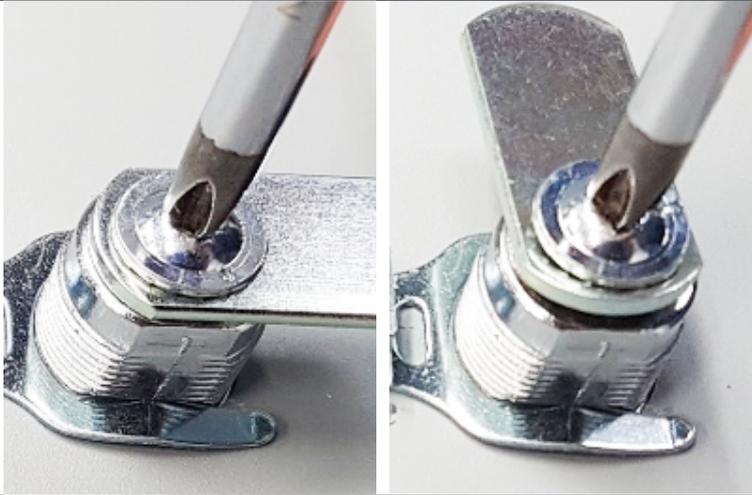


Insert the lock with the lip in the recess and secure this with the supplied fixation slide.





13. Mounting lock lip



Turn the lock lip 90 degrees.



The key may only be taken out when the cabinet is closed.

14. Connection details Orion



CONNECTION	DESCRIPTION	CONNECTION	DESCRIPTION
PRT1-RS44	Communication port		
CONNECTION	DESCRIPTION	CONNECTION	DESCRIPTION
C	GND (digital ground)	A1	Secured input 1
T1	Digital input (tamper card reader)	A2	Secured input 2
LD	Card reader LED connection	A3	Secured input 3
D0	D0/Data or digital input	C	GND (digital ground)
D1	D1/Clock or digital input	H1	High Power output 1
O1	Digital output 1	C	GND (digital ground)
C	GND (digital ground)	O2	Digital output 2
+V	Power connection card reader	O3	Digital output 3



CONNECTION	DESCRIPTION
A	A-RS485
B	B-RS485
CC	GND (digital ground), only for use of the communication cable
S	kpSensor

CONNECTION	DESCRIPTION	CONNECTION	DESCRIPTION
PRT2 - RS422	Communication port		
CONNECTION	DESCRIPTION	CONNECTION	DESCRIPTION
C	GND (digital ground)	A4	Secured input 4
T2	Digital input (tamper card reader)	A5	Secured input 5
LD	Card reader LED connection	A6	Secured input 6
D0	D0/Data of digital input	C	GND (digital ground)
D1	D1/Clock of digital input	H2	High Power output 2
O4	Digital output 4	C	GND (digital ground)
C	GND (digital ground)	O5	Digital output 5
+V	Power connection card reader	O6	Digital output 6
C	GND (digital ground)	O5	Digital output 5

CONNECTION	DESCRIPTION
	Earth Ground
-	GND (digital ground)
+	Power connection Orion (12-24 VDC)
T	Tamper input Orion

