

Assembled by	:	Engineer	:	
Installation date	:			
Phone number elevator	:	PIN	:	PUK:
Battery changed on date:		Namw	:	

Keep this manual on a save place, preferably in the logbook in the machineroom



- The RUKRA GSM / PSTN interface replaces a standard PSTN landline and can be installed in the engine room, the elevator shaft or on the roof of the cabin. Up to 5 RUKRA Elevator Phones can be connected parallel to one RUKRA GSM / PSTN interface.
- De The RUKRA GSM / PSTN interface is simlock free and equipped with an internal battery. Comes with magnetic antenna, internal battery and a power adapter with 230VAC power cord with molded plug and is ready for immediate use without programming.
- No programming required, you only need an active SIM-card

KENMERKEN:

- 230 VAC / 12VDC powersupply with integreted backup battery
- Call by VoLTE possible
- 3G / 2G fallback
- Phone line for up to 5 RUKRA Elevator Phones or other brands elevator phones
- Automatic control of the capacity of the backup battery
- Roaming can be switched off (Roaming is communication between different networks abroad)
- Send SMS on the status of the power supply and battery status (power, voltage, capacity and battery defect)

INTERNAL CONNECIONS

1. Antenne aansluiting
2. Simkaart slot
3. Connection battery 7,2 V / 800 Mah
4. Connection power supply 12Vdc
5. Connection phone line RJ-11 connector
6. Indication Led's



Installation:

Only use the supplied 230VAC/12VDC power adapter and the supplied 2-wire telephone cord.
 Use the supplied magnets or screws to fix the GSM module (see image page 3 for placement of magnets).

The RUKRA 4G GSM/PSTN interface is preferably placed in the machine room, but can also be mounted in the elevator shaft or on the roof of the elevator cabin. Always connect the 230VAC adapter to a fixed voltage (never to the cabin lighting), always check whether the RUKRA 4G GSM/PSTN interface only works on the power supply from the battery and on the 12VDC power adapter. Always install the GSM/PSTN interface and the antenna as far away from the RUKRA Liftphone as possible.

SIM card

Make sure that the SIM card pin code is free! Insert the SIM card into a regular mobile phone. Turn it on and check whether it asks for a PIN code. If you are asked for a PIN code, go to the menu "Security settings" and set the option "PIN code request" to "OFF".

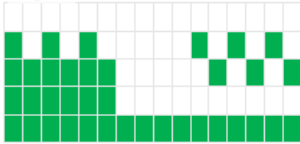
Before inserting or replacing the SIM card, always ensure that the GSM is disconnected from the power supply and battery. As soon as the voltage is reconnected, the unit will search for the network again, as soon as the green and red LED start flashing, the unit is connected to the network again.

Note! When inserting a SIM card, make sure that it is placed with the edge side facing the antenna connection, and then close the slide.

MEANING OF THE LED'S



4G LTE/UMTS/GSM signal indicator LED (GREEN)



Geen signaal / geen netwerkverbinding
 It indicates the signal level (2G network). 1 low 4 good
 It indicates the signal level (4G network). 1 low 4 good
 It indicates the SIM card is protected by the PIN code.
 It indicates the SIM card is protected by the PUK code.



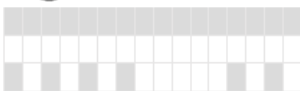
Rode LED: Indicator-LED apparaatstatus



It indicates the gateway has not been correctly registered with the network, Check PIN?
 It indicates the gateway is correctly registered to the network.



Witte LED: LED-lijnstatusindicator / LED-indicator voor gegevensoverdracht



It indicates that the line is in use or that a data connection is in progress.
 It indicates that the line is not in use.
 It indicates an incoming call.



Blauwe LED: LED-indicator voor de status van de voeding



It indicates that the external power supply is connected and the battery is absent or damaged.
 It indicates that the external power supply is connected and the battery status 1 - 4 flashes 1 low accu 4 good battery
 It indicates that the external power supply is NOT connected battery status 1 - 4 flashes 1 low accu 4 good battery

Mounting the magnets:



TECHNICAL SPECIFICATIONS

Power

Powersupply	: 12Vdc/ 1000mA (ONLY USE THE SUPPLIED RUKRA POWER ADAPTER)
Battery	: 7,2V / 800MAh
Dimensions	: H x W x D 130 x 100 x 36mm
Type antenna connector	: SMA (MAN)

SMS MELDINGEN (Optioneel)

Batterijcheck (BCH) :	: The battery voltage, capacity and battery or absence will be checked automatically. If there is something wrong with the battery an SMS will be send one phone number. The following SMS messages can be send: ACCU DEATH OR NOT CONNECTED = battery defect or not connected (check battery) POWER ACCU LOW (CONTROL 230V) = Power battery is low (Fault with 230V) CAPACITY ACCU LOW (CHANGE ACCU) = Capacity of the battery is low (replace battery)
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Analog PSTN phone connection

Phoneconnector	: RJ12 6/2
Impedantie	: 600Ω ±20%
Calling	: Toon DTMF t > 30ms
Voltage of the line	: 52V
Current of the line	: 29mA
Ringvoltage	: 55V / 50Hz
Signaling	: 425Hz ± 20%
Caller ID	: FSK / CLIP
Cable length	: Maximum 200meter (from the RUKRA GSM/PSTN interface to the elevatorphone)
Programming	: By SMS

GSM Module

Fabricated	: Telit LE910C1-EU
Mobile networ	: 4G LTE/UMTS/GSM module
Simkaart	: 3V en 1,8V
CE 0889	: Het CE symbool duidt aan dat het product voldoet aan de Europese richtlijnen.

WARRANTY:

Time	: 1 Year Carry in after deliveringdate
Battery	: No warranty on the battery