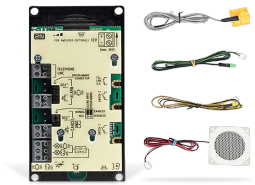
2N® Lift1

The 2N® Lift1 is a cost-effective analog solution designed for two-way emergency communication in the elevators. Its typical use is for the communication between the cabin and the control centre or machine room. Configuration can be done locally using the software, via voice menu (in call) or using SMS service.

Key features

- A comprehensive solution for single elevator
- Fully powered over phone line
- Supports CPC and P100 protocols

Order numbers



Order No.	919640E
Name	2N® Lift1 CABIN UNIT COP
Desc.	COP version - fixed
Order No.	919640XE
Name	2N® Lift1 CABIN UNIT COP
Desc.	COP version - wired

Order No.	919645E
Name	2N® Lift1 CABIN UNIT SURFACE MOUNT
Desc.	With button
Order No.	919645WBE
Name	2N® Lift1 CABIN UNIT SURFACE MOUNT
Desc.	Without button

Order No.	919618BE
Name	2N® Lift1 CABIN UNIT FLUSH MOUNT
Desc.	With button
Order No.	919618E
Name	2N® Lift1 CABIN UNIT FLUSH MOUNT
Desc.	Without button

Order No.	919631E
Name	2N® Lift1 CABIN UNIT TOC
Desc.	With Voice alarm station switch
Order No.	919630E
Name	2N® Lift1 CABIN UNIT TOC
Desc.	Without Voice alarm station switch

Order No.	913661ESET
Name	2N® Lift1 VOICE ALARM STATION SET
Desc.	Intended for installation on top of and under an elevator cabin

Order No.	919654ESET
Name	2N® Lift1 MACHINE ROOM STATION SET
Desc.	Ensures communication to the elevator cabin

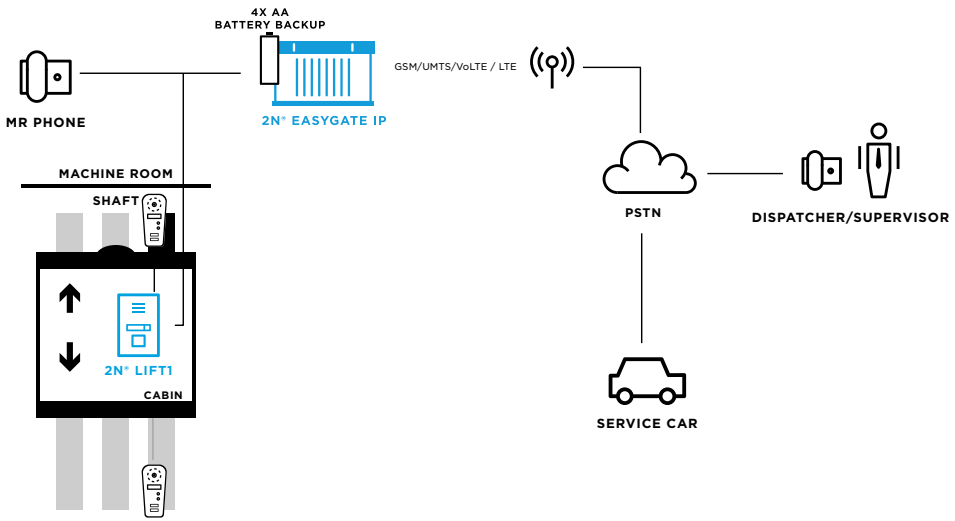
Order No.	919680E
Name	2N® Lift1 USB PROGRAMMING TOOL
Desc.	Mandatory USB tool for Lift1 configuration from PC

Order No.	913648E
Name	2N® Lift1 Switch module
Desc.	DTMF remote controlled universal switch

Order No.	913649E
Name	2N® Lift1 Blocking module
Desc.	Blocks the elevator in case of telephone line failure

Order No.	913650E
Name	2N® Lift1 Amplifier module
Desc.	Speaker amplifier for noisy environment

Installation



Technical Specifications

Electrical parameters

Minimum line current	15 mA, off the hook
Minimum line voltage	22 V, on the hook
DC voltage drop in the off the hook state	< 9 V, I = 20 mA, < 12 V, I = 50 mA
Resistance on the hook	1 MΩ >, U = 25..100 V
Impedance off the hook	220 Ω + 820 Ω paral. 115 nF, 15 to 60 mA
Attenuation	> 14 dB, 15 to 60 mA
Bandwidth	300 to 3500 Hz, 15 to 60 mA
Impedance while ringing	> 2 kΩC = 0.47 µF, 25 to 50 Hz
Ringtone detection sensitivity	10 to 20 V, 25 to 50 Hz
Pulse dialling	40 / 60 ms
Tone-dial levels	-9.0 +2.0/-2.5 dB and -11.0 dB +2.5/-2.0 dB, 15 to 60 mA
Power surge protection – differential between A, B leads	1000 V (8 / 20 µs)
Note Any ringing sequence is acceptable	

Switch parameters

Minimum voltage	9 V AC or DC
Minimum voltage	24 V AC or DC
Maximum current	1 A AC or DC
Resistance – open	min 400 kΩ
Resistance – closed	approx. 0.5 Ω
Fuse	resettable
Connection of external indicator elements	
Power supply voltage	12-24 V DC, external source
Maximum switching current	200 mA
Other parameters	
Dimensions of the Universal implementation	65×130×24 mm
Dimensions of the Compact implementation	100×185×16 mm
Operating temperature range	-20°C to 70°C