



4G VoLTE



GSM AS0340V

GSM gateway for autodiallers for lifts

- **EN 81-28:2022 compliant.**
- **Supplied with power supply and antenna (length 2.5 m).**
- **Free choice of the operator or with subscription included - Validity: 6, 12 or 24 months.**

Functions

GSM gateway for the connection and operation of autodiallers for lifts.

2G, 3G and **4G VoLTE** technologies, ensuring continuous operation even after the end of 2G and 3G networks.

This technology provides enhanced communication quality.

*In combination with our PTU 80 (V2 to V6), TA80 or TAU remote alarms, the **GSM AS0340V** guarantees:*

- **a PLUG and PLAY installation,**
- **remote programming of the autodialler via our web-based **ASM Lift** interface**
- **compliance with the EN 81-28 standard,**
- **transmission of the protocol for identification of emergency voice calls and technical messages in secured mode,**
- *operation in transparent mode with any other elevator autodialler system in the market.*

Power supply

- by *supplied* 230 VAC power supply,
- backed up by a permanently controlled battery (charge and discharge),
- guaranteeing one hour of operation in the event of a power failure,
- with **BTB Function** (Battery Test Button) :
 - associated with a LED in accordance with EN 81-28:2022, 6.2 Examinations and tests - 6.2.4. *Emergency electrical power supply: "Disconnect the power supply or simulate a loss of the backup power supply"...*
 - Technical call on battery failure and power supply failure.
- 3 LEDs to visualize GSM Gateway status and network quality: Power / Network Status / Communication.
- GSM network absence information: a potential free CRT contact (Common / Rest / Work).
- Remote software update.

Reception of calls

- Call reception center* equipped with the Protocol from version 17 - October 2010
- ORA 04 reception tool and its software from version 2.18 - October 2010
- Telephone set: only for voice calls.

** The majority of call reception and telemonitoring centers working in the elevator industry are equipped to receive AMPHITECH protocols.*

What is VoLTE?

This is short form for **Voice Over Long Term Evolution** or **Voice over LTE**. VoLTE technology allows to make voice calls via the **LTE/4G** mobile network*.

So far, 4G has only been used for data transmission on the internet. For calls, the mobile phone automatically switched to 2G or 3G and it took a few seconds for the recipient's phone to start ringing. This delay disappears thanks to VoLTE technology.

On a 2G or 3G network, calls and data transfers are separated and cannot run simultaneously. During a telephone call, for example, text messages only arrive once the call has been ended. On the **LTE/4G*** mobile network, calls and data are carried out simultaneously. During a phone call, text messages arrive instantly.

** The terms 4G and LTE refer to the same technology. They may be used interchangeably.*



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SIM card requirements

- Micro SIM format (3FF) - *Not included.*
- **M2M + Voice + SMS subscription.**

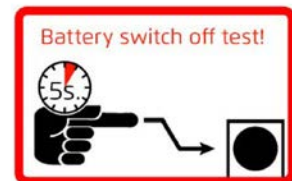
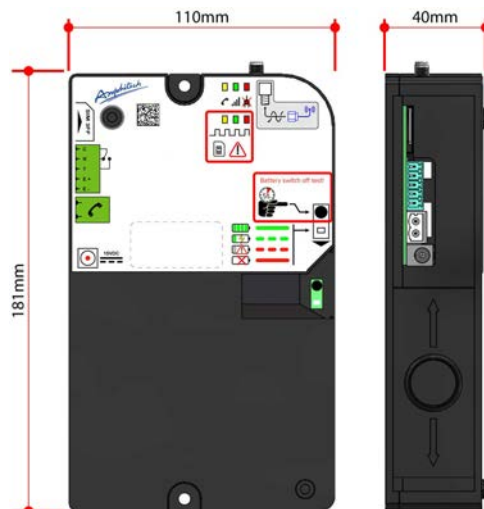
Option Antenna

In case of poor signal reception, we propose a more powerful antenna equipped with a 10 m long connecting cable.

- Reference **KIT-ANT06-10**

Technical characteristics

- ABS UL-V0 housing
- Screw mounting (*not included in delivery*)
- Dimensions



BTB Function
(Battery test button)



- Weight 1,2 kg.

Additional information

Depending on the frequency of use, it is strongly recommended to replace the battery every three years as part of **preventive maintenance**.

Warning

- Amphitech assumes no responsibility for malfunctions that are due to the respective installation situation or to the building configuration (poor GSM coverage).
- Malfunctions due to the GSM service providers are not Amphitech's responsibility.

