

## iMICO

### INTELLIGENT MidNight CONTROLLER



**Using the iMICO, the independent Smart Night System can be upgraded into a flexible system called FlexNight. By installing the iMICO into the street light cabinet the Dimming profiles of the iMCU Controller or ECG with Mid-Night function can be updated centrally without any additional wiring in the street. Typically this function is used if the dimming profile needs to be changed several times during the year or to be able to keep the city lights at a high output level in case of city festivals or any other events in the city where more light during the night hours is required.**

The iMICO works together with the browser based web platform iSITE. To reprogramm the dimming profile a text message is sent by the server over the cellular phone network to the iMICO. Subsequently the iMICO transfers the new dimming configuration to the connected controllers and ECG by switching on and off the mains or by a further phase. Even if the signal is transferred by the mains the light will not start flickering as the connected controllers or ECG will recognise that a new configuration is transmitted.

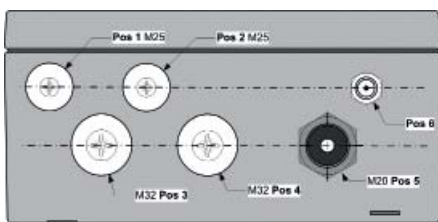
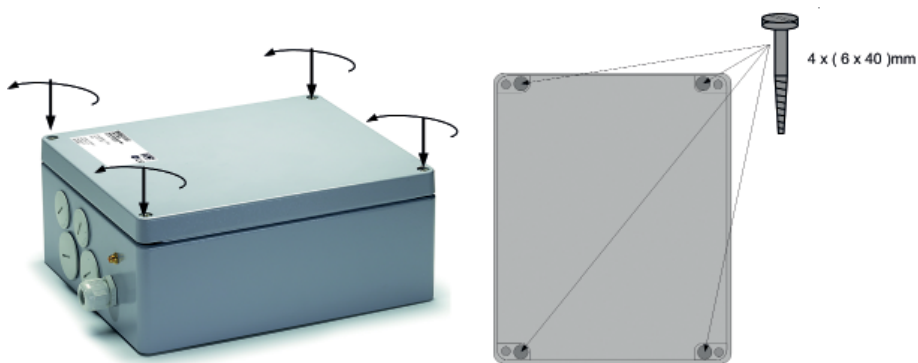


## iMICO MidNight Controller

### Technical Data

Intelligent MidNight Controller	<b>186250</b>
Type	iMICO
<b>Physical Characteristic</b>	
Housing	Aluminium, AlSi12(Fe)
Dimension	280 x 230 x 112 mm
Weight	4400g
Degree of Protection	IP 65
Boreholes	2* PG screw connections (25 x 1.5 mm)
	2* PG screw connections (32 x 1.5 mm)
	2* PG screw connections (20 x 1.5 mm)
Operating Temperature	-20 °C to 50° C
Storage Temperature	-25° C to 75° C
Operating Humidity	5% to 75%
Surge voltage protection	4 kV / 1.2 / 50 in acc. with DIN EN 61037
Protection class	I
<b>Interfaces</b>	
Band	Two Band/ Tri Band/ Quad Band
Protocols	CSD, SMS, GPRS class 10, Mobile station class B
Internal modem	Telit 862
Modem Approvals	Fully type approved according to R&TTE, CE, GCF, FCC, PCTRB, IC
Technology	GSM network + SIM card
Antenna	Internal antenna MMCX, External antenna MMCX
Number of output	1 Relay
Output type	1 change over contact potential free
Max switching voltage/current	16A/250V AC

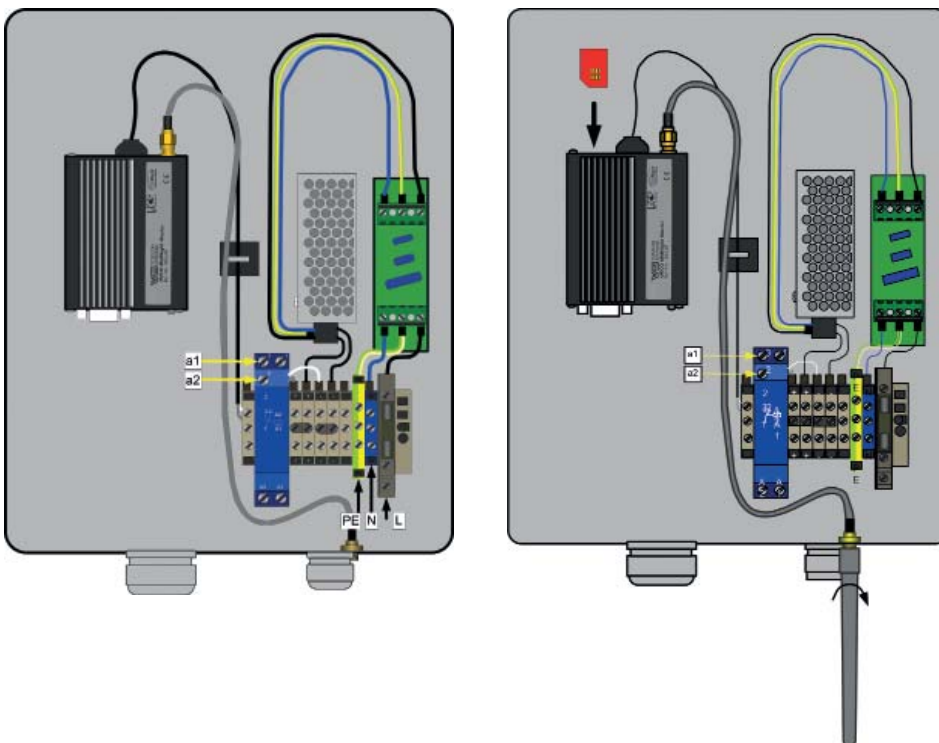
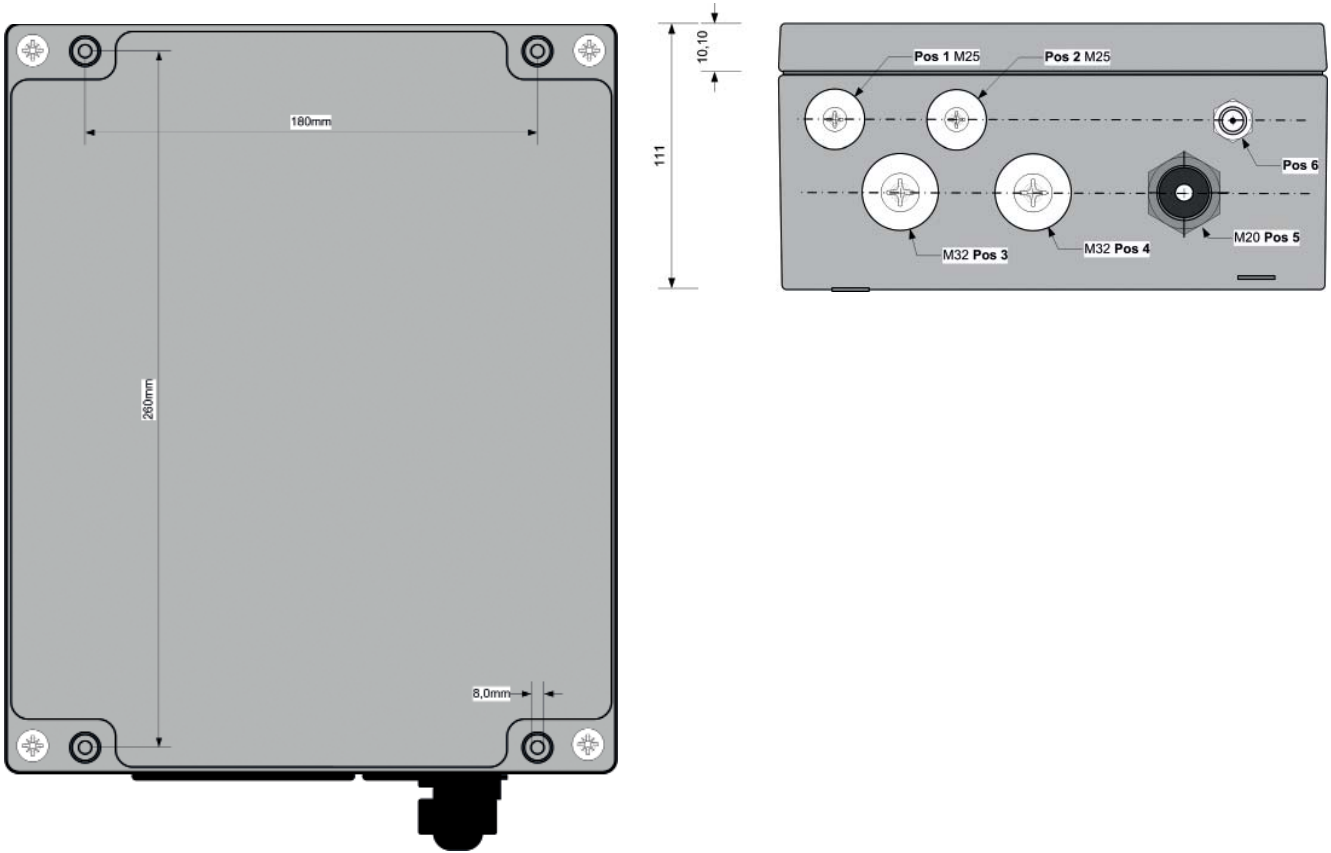
### Screws and drilling holes



The values detailed in this data sheet can change due to technical innovations; such changes will be made without separate notification. Further detailed information can be found at: [www.vossloh-schwabe.com](http://www.vossloh-schwabe.com).

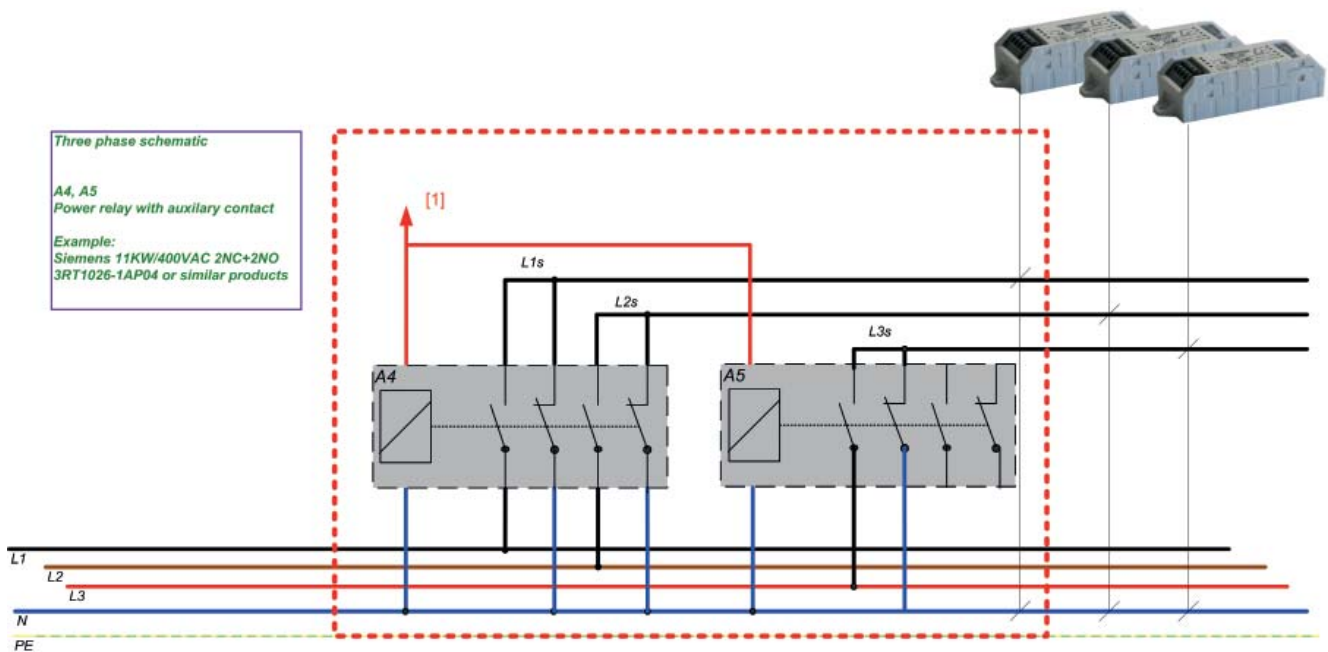
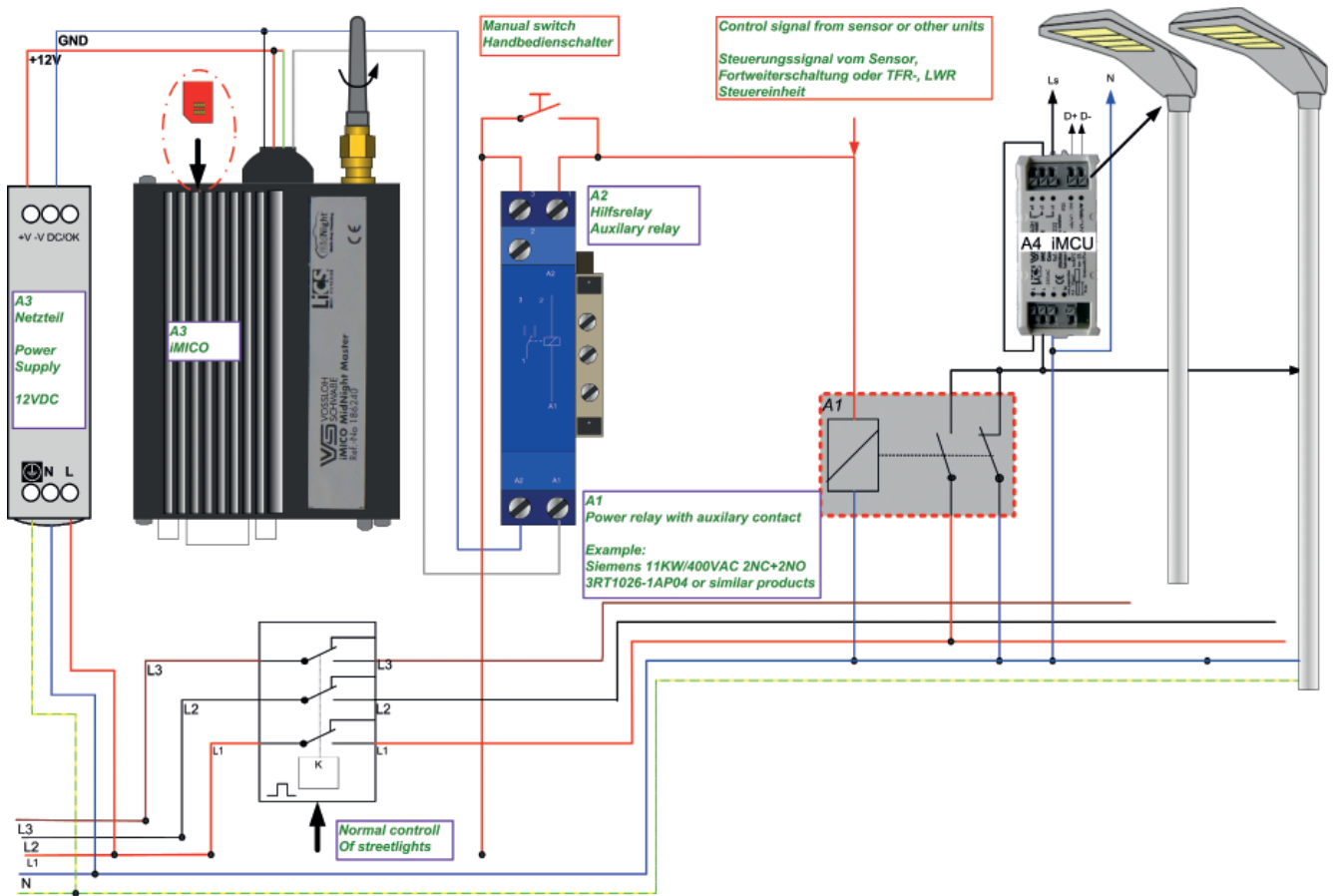
## iMICO MidNight Controller

### Dimensions



The values detailed in this data sheet can change due to technical innovations; such changes will be made without separate notification. Further detailed information can be found at: [www.vossloh-schwabe.com](http://www.vossloh-schwabe.com).

## iMICO MidNight Controller



The values detailed in this data sheet can change due to technical innovations; such changes will be made without separate notification. Further detailed information can be found at: [www.vossloh-schwabe.com](http://www.vossloh-schwabe.com).

## iMICO MidNight Controller

### Software

The iMICO works together with the web based iSITE Mid-Night Software.

**Ref. No.: 186244**

### Variants

The iMICO is also available without casing and surge protection.

In this Version the modem and the power supply will be supplied as single units.

**Ref. No.: 186240**