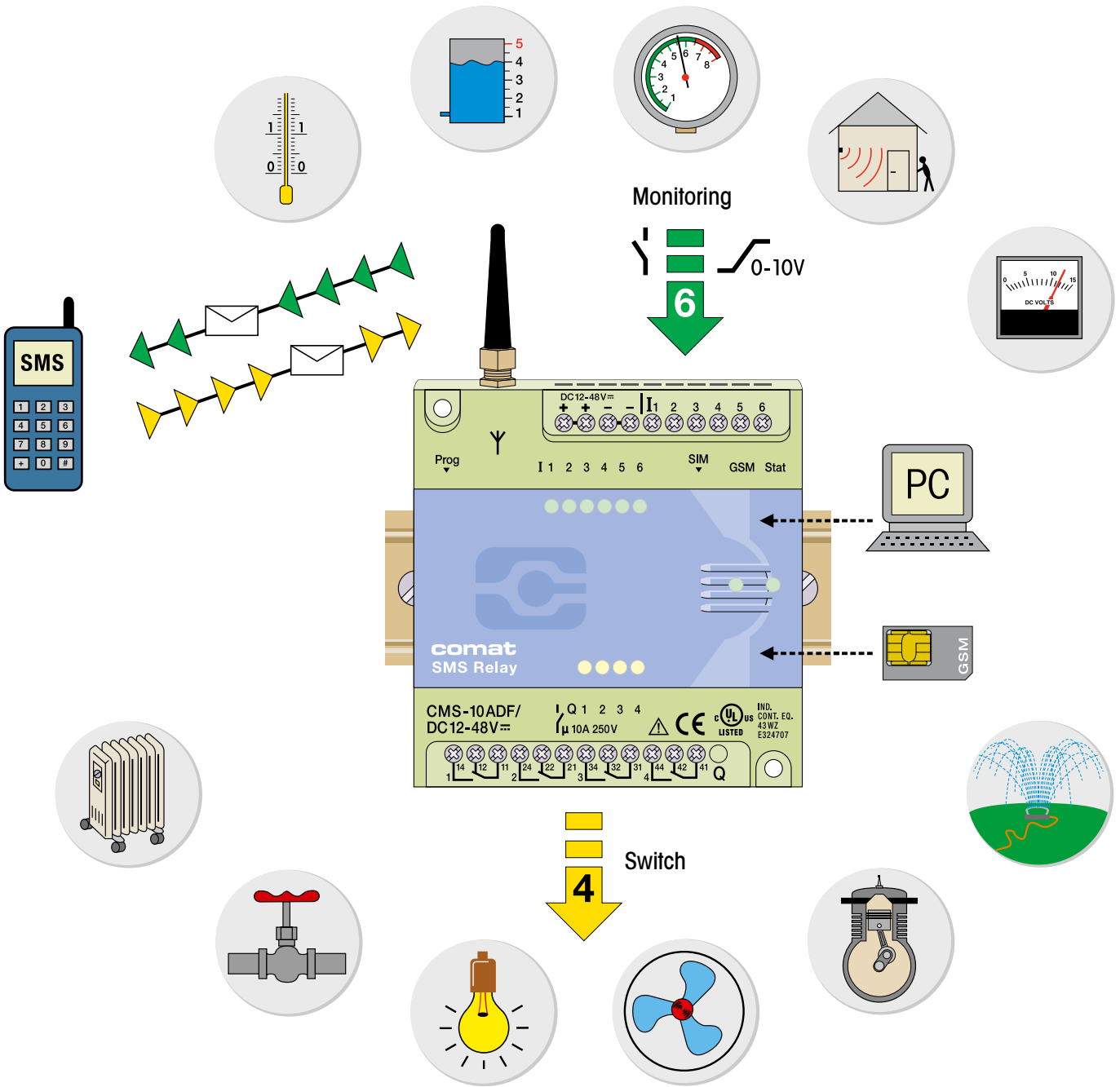
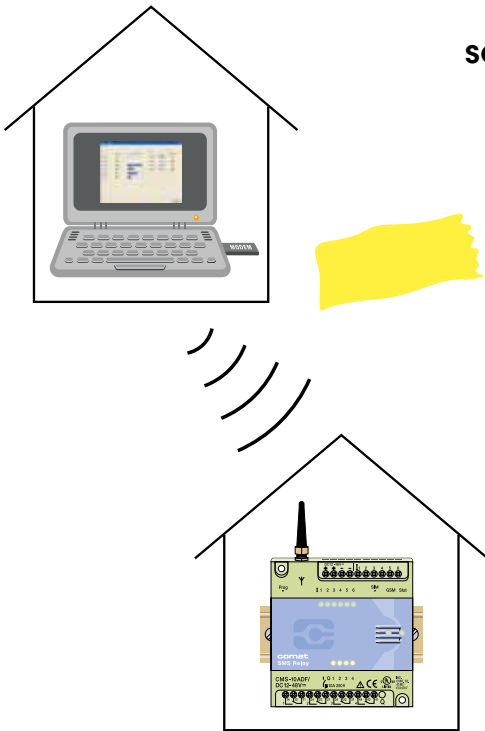


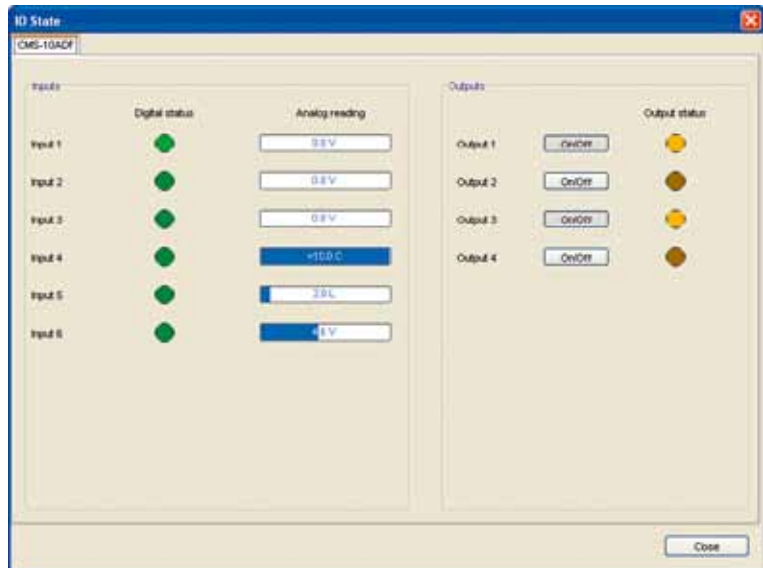
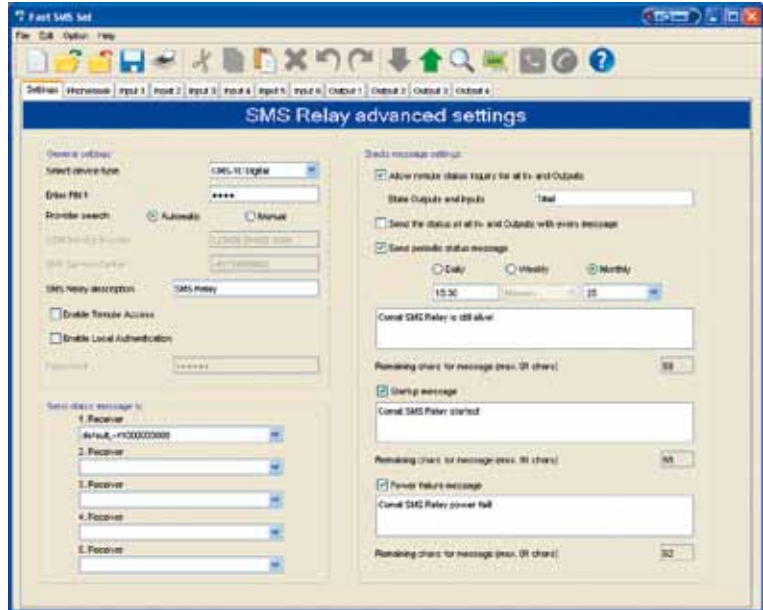
- ✓ Easy configuration with PC and «FAST SMS SET™»-up configuration software
- ✓ Sequential alert messaging to 5 different subscribers
- ✓ Analog and/or digital inputs
- ✓ Monitoring of all inputs and outputs with SMS messaging
- ✓ Request of analogue values by SMS
- ✓ Remote control of outputs by SMS
- ✓ Power failure notification by SMS messaging
- ✓ Status change messages by SMS
- ✓ User defined message text
- ✓ Remote access and status display by PC/Notebook



**Monitoring    Alerting,    Controlling**  
**Alerting    Controlling    Monitoring**  
**Controlling    Monitoring    Alerting**



**Basic settings**



**Status display on the PC screen**

**Remote maintenance**

The option "remote access" allows users to change the device configuration without presence on site.

The connection with a serial cable is replaced with the communication over the GSM network.

For that purpose, the user has to establish communication with the SMS Relay via a GSM modem. (for example with CMS-GMS-MOD) connected to the PC.


As soon as the connection between the PC and the device is established, a new configuration can be downloaded or the existing configuration may be read out. This allows to simply save or change a phone number of a message receiver or to modify an analogue value or a time setting.

With the new configuration software it is also possible to display all Input and Output status as well as to switch Outputs without sending an SMS message to the device.

It has to be noted that establishing of communication and data transfers in the GSM network are subject of charges. These costs are variable depending on the provider and subscription. We recommend to keep the connection as short as possible.

The easy and comfortable handling of the SMS Relay is not affected with the new functions. The configuration software "FAS SMS SET" has not changed significantly and remains easy to use.

Technical Data's

Typ	CMS-10F/AC 110-240V	CMS-10F/DC12-48V	CMS-10ADF/DC C12-48V
Operating voltage	AC 110-240V~ 50/60Hz	DC 12-48V= max. 10%	DC 12-48V= max. 10%
Power consumption	8VA/6W	4,2W	4,2W
Switching capacity 	4 x 10A 250V; Sum of current max. 20A		
Temperature range	Tu: -25...+55° C Rel. humidity: 10...95% (non condensing) Protection IP20		
Inputs	6 x digital trigger level 85V~	6 x digital trigger level 9,5V=	6 x digital trigger level 9,5V= or analog 0-10V=
Outputs	4 x CO contacts $\mu$ 10A/250V AC1		
Provider (Phone/Network)	User selectable (dependent on SIM card)		
Frequency	GSM QuadBand (850; 900; 1800; 1900MHz)		

Installation note

The base unit device is delivered fully operational and includes the small aerial CMS-ANT.

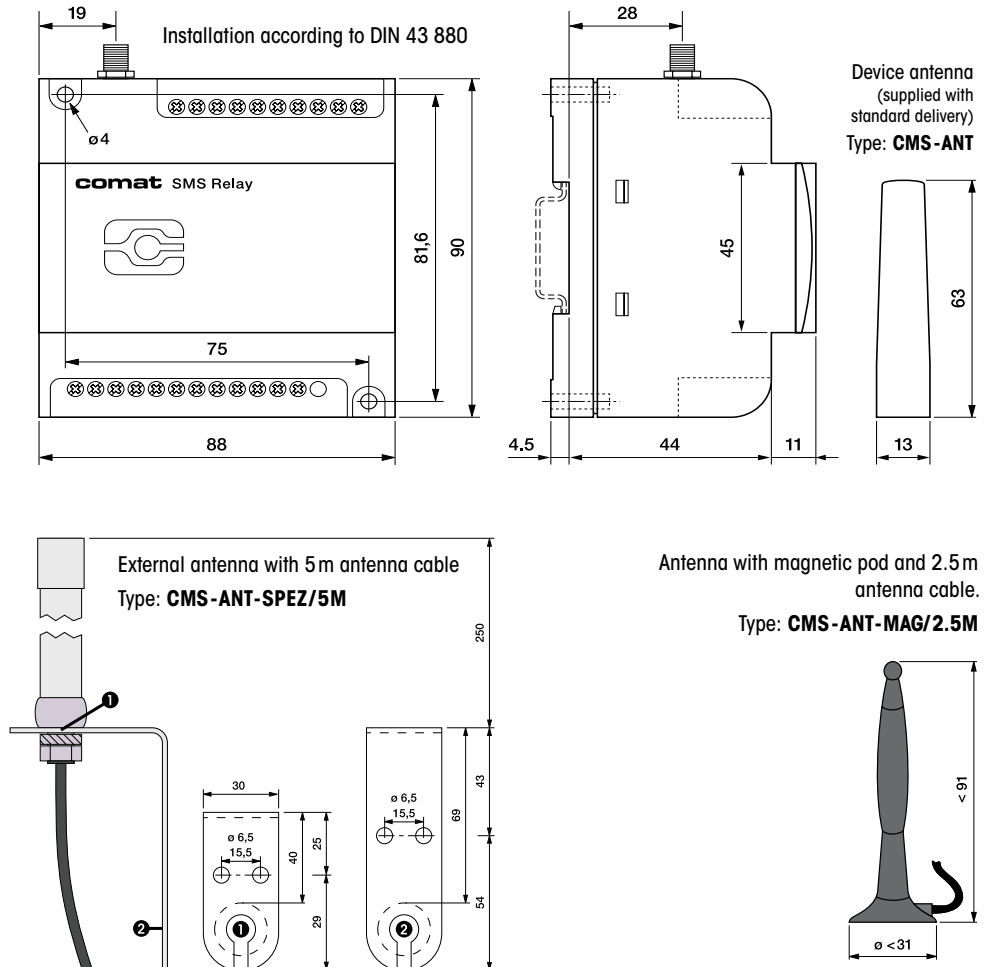
Before installation, the final location of installation must be taken into consideration.

For installation inside a control panel, the small device aerial may not be suitable and needs to be replaced by the antenna with magnetic pod (CMS-ANT-MAG/2.5M) or by the external antenna (CMS-ANT-SPEZ/5M).

These two antennas provide considerably better results and improve communication with the mobile network.

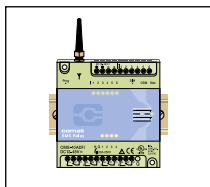
Please ask our product specialists if you require any support.

Dimensions



Typ	Description
<b>CMS-10F/AC 110-240 V</b>	SMS Relay AC 110-240V with digital inputs incl. small antenna (CMS-ANT)
<b>CMS-10F/DC 12-48 V</b>	SMS Relay DC 12-48 V with digital inputs incl. small antenna (CMS-ANT)
<b>CMS-10ADF/DC 12-48 V</b>	SMS Relay DC 12-48 V with digital and analog inputs incl. small antenna (CMS-ANT)
<b>KIT</b> consisting of: A base unit with small antenna, antenna with magnetic pod and 2.5 m cable, programming cable, USB-RS232 Interface connector, CD with «FAST SMS SET™»-up programming software and operation manual	
<b>CMS-10FKIT/AC 110-240 V</b>	Installation kit complete with digital inputs (SMS Relay AC 110-240V)
<b>CMS-10FKIT/DC 12-48 V</b>	Installation kit complete with digital inputs (SMS Relay DC 12-48V)
<b>CMS-10ADFKIT/DC 12-48 V</b>	Installation kit complete with digital and/or analog inputs (SMS Relay DC 12-48V)
<b>Zubehör</b>	
<b>CMS-RS 232</b>	SMS Relay programming cable RS 232
<b>CMS-USB</b>	USB-RS232 interface connector (including driver CD)
<b>CMS-ANT</b>	Small spare antenna for base unit, 63 mm long
<b>CMS-ANT-MAG/2.5 M</b>	Antenna with magnetic pod and 2.5 m antenna cable
<b>CMS-ANT-SPEZ/5 M</b>	External antenna with 5 m antenna cable
<b>CMS-ANT-KAB/5M</b>	Antenna cable 5 m (extension)
<b>CMS-ANT-KAB/10M</b>	Antenna cable 10 m (extension)
<b>CMS-ANT-ADAPT</b>	Adaptor FME to SMA plug
<b>CMS-CAP</b>	Device cover (spare)
<b>CMS-CD</b>	CD with FAST SMS SET -up programming software and manual
<b>DR-15-24</b>	Power supply 15 W, 24 V. DIN-rail mounting
<b>DR-30-24</b>	Power supply 36 W, 24 V. DIN-rail mounting
<b>MK31-112-LU/24V DC</b>	1-channel voltage repeater
<b>4114 PReasy</b>	Universal transmitter PReasy 4114
<b>4501</b>	Display front (to PReasy 4114)
<b>ZPT-10-H</b>	PT100/PT1000 Amplifier
<b>RF01-U</b>	Room temperature sensor 0...50°C without display
<b>RF01-U-D</b>	Room temperature sensor 0...50°C with display
<b>RTBSB-001-010</b>	Room thermostat 5...30°C with operating controls
<b>WF50 ext-U</b>	Outdoor temperature sensor -50...+50°C
<b>KS-110</b>	AC sensor for monitoring of humidity and temperature in control panels, archives and cabinets
<b>PS1</b>	Water gauge suitable for application of level measurements in water installations
<b>CMS-GSM-MOD</b>	GSM Module (Connected to USB port of the PC) for remote access to the SMS Relay

Type



**CMS-10F/...**  
**CMS-10ADF/...**

**SMS Relay**

- SMS Relay incl. small antenna 63 mm
- WITHOUT programming cable, magnetic pod antenna, USB converter and programming software
- Suitable for user which already possess the accessories



**CMS-10FKIT/...**  
**CMS-10ADFKIT/...**

**SMS Relay KIT**

- SMS Relay incl. small antenna 63 mm
- Including programming cable, magnetic pod antenna with 2.5 m cable, USB converter USB-RS232, and programming software "FAST SMS SET™" with manual
- Suitable for user first user



**Kühn Controls AG**

**Notes:**

You want more information about this product, please call us: tel: +49 (0)7082-940000 or send us a fax: +49 (0)7082-940001, or email: [sales@kuehn-controls.de](mailto:sales@kuehn-controls.de) or visit our Website: [www.kuehn-controls.de](http://www.kuehn-controls.de)