



Big Dutchman®



Alarm Systems

for the highest security standards in your pig house

Alarm systems you can trust

Modern houses for pig production are constantly equipped with more technical management aids. Automation processes for feed and water supply as well as climate control increase every day. Installing technical devices for monitoring

and notification purposes is therefore an absolute necessity. Farm managers can react instantly in case of problems and are thus able to prevent damage in a reliable manner. Big Dutchman alarm systems raise the bar

regarding functionality and security requirements. You are welcome to find out about our product range. After all: There is no room for compromising over security!

AC Touch – for highest security standards

With the alarm device AC Touch, Big Dutchman introduces a new generation of alarm systems. Instead of a key, AC Touch is accessed by means of a fingerprint sensor. This ensures that changes to settings and acknowledged alarms can be tracked back to the responsible person with absolute certainty; a great advantage on farms with several employees.

Furthermore, the alarm device is easy to use thanks to a large colour display. All alarm inputs and functions are displayed clearly and can be easily adjusted. Another important feature is the “black box”, which cannot be deleted and saves all alarms and activities.

Who turned off the alarm? AC Touch knows!



Access via fingerprint: only authorised persons can acknowledge an alarm

Fingerprint sensor for up to 20 users

- ✓ secure
- ✓ reliable
- ✓ robust
- ✓ dust-proof, IP 55
- ✓ no key required

Alarm notifications and acknowledgement

Alarms are indicated via:

- ✓ alarm horn
- ✓ warning light
- ✓ voice output (loudspeaker)
- ✓ autodialler
- ✓ call to the mobile phone
- ✓ text message

Up to five telephone numbers can be called and/or notified via SMS. The order of these numbers can be changed very easily.

Specific languages can be set for each telephone number. Test calls are also possible.

As an option, alarms can be acknowledged via the mobile phone or the fixed line.

A potential-free contact is available for connection of other devices that transmit alarm signals, for example alarm transmission devices by Telenot.



All functions at a glance

- ✓ 10 analogue or digital alarm inputs, e.g. temperature alarm, fire alarm, motor failure;
- ✓ all inputs are fail-safe in case of wire breaks and, as an option, also for short circuits, too;
- ✓ 10 relay outputs actively switch on emergency fans or MultiStep groups, dependant on temperature limits or alarm notifications;
- ✓ the temperature is monitored by means of temperature profiles which can be pre-configured or set up individually;
- ✓ temperature monitoring registers both sudden temperature changes and temperatures below or above the absolute values with regard to the current outside temperature;
- ✓ secure identification of up to 20 users with different rights thanks to a fingerprint sensor;
- ✓ progress curves of all alarms of the past 30 days can be displayed;
- ✓ the long-time storage cannot be deleted for an entire year;
- ✓ phase failure monitoring (optional) reports power failures;
- ✓ backup battery including monitoring of the battery status;
- ✓ automated test alarm;
- ✓ less important alarms can be muted for the night;
- ✓ integrated microphone records alarm messages.

Four different AC Touch models

	Code no.	Fingerprint sensor	GSM module (SMS and telephone)	Fixed line
Basic version	60-43-4877	✓		
Fixed line version	60-43-4886	✓		✓
GSM version	60-43-4887	✓	✓	
Fixed line + GSM version	60-48-4888	✓	✓	✓



AC Touch complies with the recommendations of the AEL ("Association for Electricity Use in Agriculture" in Germany), the DLG (German Agricultural Society) and the GDV (German Insurance Association).

It corresponds to the Swedish and Danish guidelines for alarm devices and bears the CE marking.

If the authorities or the insurer demand an alarm device approved by the German VdS

testing institution, a transmission device by Telenot can be connected via a potential-free contact.

Alarm device/autodialler AC 108 – secure and easy to use

AC 108 is a GSM autodialler with voice output. It is able to store and display every alarm for approximately one year; one of its greatest advantages.

The display of AC 108 is backlit and shows the status of the alarm groups. An integrated battery ensures that the device generates alarms even in the event of a power failure. This battery is automatically checked once per day by the system. AC 108 can be serviced remotely. Its user interface is available in 22 languages.



Code no. 60-43-4870: AC 108 GSM

Alarm notifications

Alarms are indicated via:

- ✓ alarm horn
- ✓ warning light
- ✓ call to the mobile phone: up to 5 telephone numbers can be called
- ✓ text message



All features at a glance

- ✓ 7 alarm inputs can be used individually, e.g. for climate and for feeding computers;
- ✓ both prepaid cards and contract-based mobile phones can be used; the user is notified if he needs to top up his pay-as-you-go card;
- ✓ a central server checks whether the phone network is available; in case of

problems, the first programmed telephone number receives an alarm message;

- ✓ the integrated battery ensures that functionality is secured even in the event of power failures;
- ✓ all alarm messages can be acknowledged via telephone.

Security requirements:

AC 108 complies with the recommendations of the AEL ("Association for Electricity Use in Agriculture" in Germany) and the GDV (German Insurance Association).

ACA 1N & ACA 10N alarm systems – recognise issues reliably



Code no. 60-48-3707: ACA 1N



Code no. 60-48-3780: ACA 10N

ACA 1N has one, ACA 10N a total of 10 alarm inputs. Both devices can be connected to different signal transmitters. The alarm message can be delayed as required. A siren, horn or an external autodialler can be used for notification. Alarms are acknowledged using a key. The status of the battery is checked every 24 hours and is indicated by LEDs. All alarm circuits can be read individually and can be switched off independent of other circuits (ACA 10N).



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