



**Kemo Electronic GmbH**

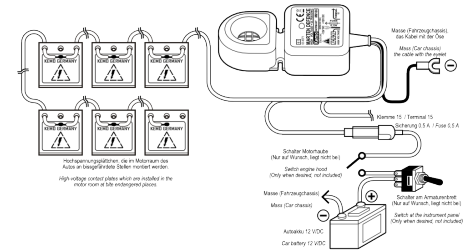
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## M186 - Marten Defence for Motor Vehicles 12 V/DC



Chases away martens by means of small high-voltage plates charged electrically to approx. 200 - 300 V/DC through electric shock in the engine compartment of the vehicle (only weak current pulses that chase the marten away, but do not kill it) and through strong, aggressively pulsating ultrasonic sounds. Extremely low power consumption ( $< 0.005$  A), switches the battery voltage of  $< 11.5$  V automatically off (does not discharge the battery completely if vehicles are being parked for quite some time).

Available accessories:

Z115 - "Ground"-Mat for electroshock devices

### Technical Data:

Operating voltage: 12 - 15 V/DC (car battery)

Average power consumption:  $< 5$  mA

Automatic shutoff: if the battery voltage decreases to  $< 11,5$  V ( $\pm 5\%$ )

Output voltage: approx. 200 - 300 V/DC

Ultrasonic frequency: approx. 22 kHz  $\pm 10\%$

Acoustic pressure: max. approx. 100 dB  $\pm 15\%$

Angle of radiation ultrasonics: approx. 150 degree

Loudspeaker: special ceramic piezoelectric loudspeaker with spherical membrane of aluminium

Temperature range: approx. -25 - +80°C

Functional display: flashing LED (approx. every 5 - 12 sec.)

Cable length high-voltage cable: 1 x approx. 4 m ( $\pm 10\%$ )

Fuse in the fuse holder: 500 mA

High-voltage contact plates: 6 pieces, approx. 40 x 40 x 1,5 mm each

Dimensions basic instrument: approx. 125 x 70 x 31 mm (without cable entry point + LED).

Suitable for vehicles with Can Bus.

Cable for terminal 15: If this cable is connected with "positive", the marten defence disconnects. The marten defence switches on if it is connected with "negative" or does not receive any signal.