

MODEL 230.4

as of model year 09 /YoM 08 model refinement package
with CODE (231) Garage door opener
with CODE (232) Garage door opener with frequency 284-390 MHz

Function requirements, general

- C. 15R On
- Garage door opener system, functional

System in general

The garage door opener transmitter unit (A67n2) is a remote control capable of learning with which various receivers of the opening and locking systems for doors or gates can be activated. The garage door opener is integrated in the interior mirror unit (A67).

Function sequence, transmit radio signal

When one of the following buttons is pressed, a radio signal assigned to this memory is transmitted:

- Garage door opener button 1 (A67s1)
- Button 2 garage door opener (A67s2)
- Button 3 garage door opener (A67s3)

The function feedback takes place from the Garage door opener indicator lamp (A67e4).

Function sequence, programming the memories

Keep the required button pressed for a time of at least $t = 20$ s. As a result the system changes into learning mode which is displayed by the flashing of the garage door opener with $f = 1$ Hz. Continue to press selected button and hold original hand transmitter close to the garage opener transmitter unit with transmitter function activated for up to $t = 90$ (s = 3 up to 20 cm). The transmission frequency is now learnt. In the process the garage door opener searches for the suitable frequency amongst the possible transmission frequencies.

i The next time one of the three buttons is actuated, the garage door opener changes to the learning mode.

The garage door opener radio signal has a range of approx. 85 % of the original hand transmitter.

The garage door opener system comprises the following partial functions:

- **Function sequence, transmit radio signal**
- **Function sequence, program the memories**
- **Function sequence, erase the memories**

If the learning process is completed, this is confirmed by rapid flashing of the garage door opener indicator lamp with $f = 5.6$ Hz.

i If the original hand transmitter is not compatible with the garage door opener, a universal receiver ("Fix Kit Receiver") which reacts to the in-plant programming of the garage door opener can be installed in the garage.

Function sequence, erase the memories

To erase the memories, press the two outer buttons (buttons 1 and 3) simultaneously for a period of at least $t = 20$ s. The garage door opener indicator lamp flashes for a period of $t = 10$ s. Release the buttons again during the flashing phase. The existing data of the memory locations is erased.

If no programming is performed in learning mode during a period of $t = 100$ s, the garage door opener switches off automatically to protect the on-board electrical system .

	Garage door opener, location of components		GF68.05-P-0001-01RI
	Inside rearview mirror unit, component description	A67	GF68.49-P-2105RI