

**INDUSTRIAL AUTOMATION / RECEIVERS**

## MARK receiver

**POLISH  
PRODUCT**



**3 outputs  
NO/16A**



**dtm**  
SYSTEM  
[www.dtm.pl](http://www.dtm.pl)

MARK is an industrial, bidirectional 3-channel radio receiver designed to work with gate controllers, roller shutters and other automation devices, where it is required to give a control impulse over long distances. Thanks to the two-way communication, it is possible to send to the transmitter a return signal transmission, which is a confirmation of channel control. The receiver is powered by 230V AC. Supplied in a surface-mounted housing with IP66 tightness for outdoor installation. Dedicated to work in industrial automation, in halls and warehouses.

**POLISH PRODUCER  
OF GATE AUTOMATION**



POLISH  
PRODUCT



- confirmation of channel activation
- 230V AC power supply
- work on the 868MHz frequency in the CSS system
- housing for outdoor mounting
- memory of 150 remote controls
- two-way communication

## Basic parameters

power supply:  
system:  
working frequency:  
type of communication:  
working temperature:  
receiver board dimensions:  
outer dimensions of the housing:  
housing:  
mounting method:

230V AC, 50Hz  
CSS  
868.30MHz/868,45MHz  
bidirectional  
from -20°C to +55°C  
100x140x40mm  
150x190x75mm  
splash-proof plastic, IP66  
outdoors or in housings of other devices

## Executive elements

relay outputs:

operating modes of outputs:  
adjustment of the output hold time  
in monostable mode:  
inputs:

3 NO type (AC1 = 16A/250V AC; AC15 = 1,5A/240V;  
ACS = 0,5kW 240V AC, single phase motor; DC1 = 16A/24V DC; DC13 = 0,1A/250V)  
monostable, bistable or momentary

0.5 / from 1 to 6553s / from 1 to 109 min.  
3 control NO type

## Radio parameters

radio module:  
transmission protection:  
type of modulation / frequency:  
antenna input impedance:  
antenna:

analog-digital with ultra-low power consumption  
128-bit AES  
CSS / 868MHz  
50 Ω  
rod antenna, terminals for connecting an external antenna

## Functionality

user Interface:  
remote configuration:

confirmation of channel control:

receiver management:

hardware interface on seven LEDs and three buttons, supporting a simple menu  
the ability to assign any of the three receiver channels  
to any CSS remote control  
thanks to two-way communication, the receiver sends a return signal transmission  
to the transmitter, which confirms the channel control  
with buttons and by connecting to a computer