

SINGLE/DOUBLE-LEAF GATE CONTROLLER WITH POWER REGULATION - ELMES

This product is used in the automation of opening and closing single/double-leaf driveway gates, in which a **230V** AC motor/motors are used , enabling operation in two directions. The controller is characterized by the following functions:

- Works with up to **448 KEELOQ** rolling code remote controls , manufactured by Elmes Elektronik;
- **Independent force adjustment for both** gate wings;
- Control **by one or two** remote control buttons or a single wired switch;
- Operating modes: manual, self-closing, two "parking" modes;
- Gate function (opening one leaf);
- **Cooperation with NO** or **NC** type limit switches (Normally Open or Normally Closed);
- **Cooperation with NC** (Normally Closed) photocell ;
- Automatic opening of the gate after violating the photocell during closing;
- **STOP** safety input blocks gate movement in both directions;
- Output for warning (pulsating) or lighting lamp;
- Additional relay output **OUT2 type NO/NC** , to control an electric lock or controlled by a separate remote control button.

Technical Specifications:

STB230VM2	
General	
Working frequency	433.92 MHz (superheterodyne)
Maximum power of wing motors	500W + 500W
OUT1 output for lamp	Currentless, NO, galvanically separated; load capacity: 16A/250VAC, s to 999s

Output OUT2	NO or NC type - jumper switching, currentless, galvanically isolated; load 1A/240VAC/30VDC
Switch-on time in monostable mode	From 0.5s to 127s or bistable mode,
Photocell power supply output	24VDC, max 150mA, fuse protected
Photocell input	NC (Normally Closed)
Safety input STOP	NC (Normally Closed)
Inputs for limit switches	NC (Normally Closed) or NO (Normally Open)
Engine operating time	From 1s to 255s, common for closing and opening
Pause time	From 1s to 255s
Power supply	230V AC
Power consumption	Maximum 6VA, Rest (without photocell): 2.5VA
Spacing of 4 mounting holes	∅ = 3 mm: 153 x 75 mm
Working temperature	-20 to +50°C
Dimensions	165x90x45mm