



Electromechanical road barrier system for control of road access.

24 Vdc gearmotor with built-in control unit and loop detector.

For bars up from 4 to 7 m.

Modular: are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to **“master/slave” function.**

Strength and reliability: robust structure in steel, new high strength balancing springs guaranteed up to 1,000,000 opening and closing operations and elliptical section bar with high wind-gust resistance.

Optional flashing or traffic light can be integrated in cover.

Encoder movement control and electromechanical limit switches.

More comfort and safety in programming and maintenance phases: the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

More safety and reliability: obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

Energy saving: the system sets to standby when not in use to save consumption.

No blackouts: emergency backup power with the optional batteries housed inside the case.

Side release with metal key, can be installed on either side.

With bar up to 4 or 5 m, irreversible 110 Vac, 24 Vdc motor, with foundation plate:

Code	Description
M5BAR/V1	With steel case with protective cataphoresis treatment and paint finish

With bar up to 5, 6 or 7 m, irreversible 110 Vac, 24 Vdc motor, with foundation plate:

Code	Description
M7BAR/V1	With steel case with protective cataphoresis treatment and paint finish

Technical specifications

	M5BAR/V1	M7BAR/V1
Code		
Electrical data		
Power supply (Vac 50/60 Hz)		110
Power supply (Vdc)		24
Absorption (A)		1.1
Power (W)		110
Performance data		
Speed (s)	3 ÷ 6	6 ÷ 10
Torque (Nm)	200	300
Work cycle (cycles/hour)	350	200
Dimensional and general data		
Protection level (IP)		44
Working temp. (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		400x299x1215 h
Peso (kg)	80	85