

M-BAR

SOLEMYO OPERA BLUEBUS 24V

Electromechanical road barrier system for control of road access.

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

For bars up from 3 to 7 m.

Modular: bars 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.

Release from side with metal key, can be installed on either side.



IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR

2. SELECT THE BAR

3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

WITH BAR UP TO 3 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M3BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M3BARI	WITH STAINLESS STEEL CASE

WITH BAR UP TO 4 OR 5 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M5BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M5BARI	WITH STAINLESS STEEL CASE

WITH BAR UP TO 5, 6 OR 7 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M7BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH
M7BARI	WITH STAINLESS STEEL CASE

TECHNICAL SPECIFICATIONS

CODE	M3BAR	M3BARI	M5BAR	M5BARI	M7BAR	M7BARI
ELECTRICAL DATA						
POWER SUPPLY (Vac 50/60 Hz)				230		
POWER SUPPLY (Vdc)				24		
ABSORPTION (A)	1,3		1,1		1,1	
POWER (W)	150		110		110	
PERFORMANCE DATA						
SPEED MIN.=MAX. (S)	1,5 ÷ 4		3 ÷ 6		6 ÷ 10	
TORQUE (Nm)	100		200		300	
WORK CYCLE (CYCLES/HOUR)	600		450		200	
DIMENSIONAL AND GENERAL DATA						
PROTECTION LEVEL (IP)				54		
WORKING TEMP. (°C MIN/MAX)				-20 ÷ +55		
DIMENSIONS (mm)				400x299x1215 h		
WEIGHT (kg)				80		85

DIMENSIONS

