

Electromechanical road barrier system for control of road access.

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

For bars up from 3 to 7 m.

Practical installation: bars of 7, 8 and 9 metres 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.

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
M3BARI	With stainless steel case

With bar up to 4 or 5 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:

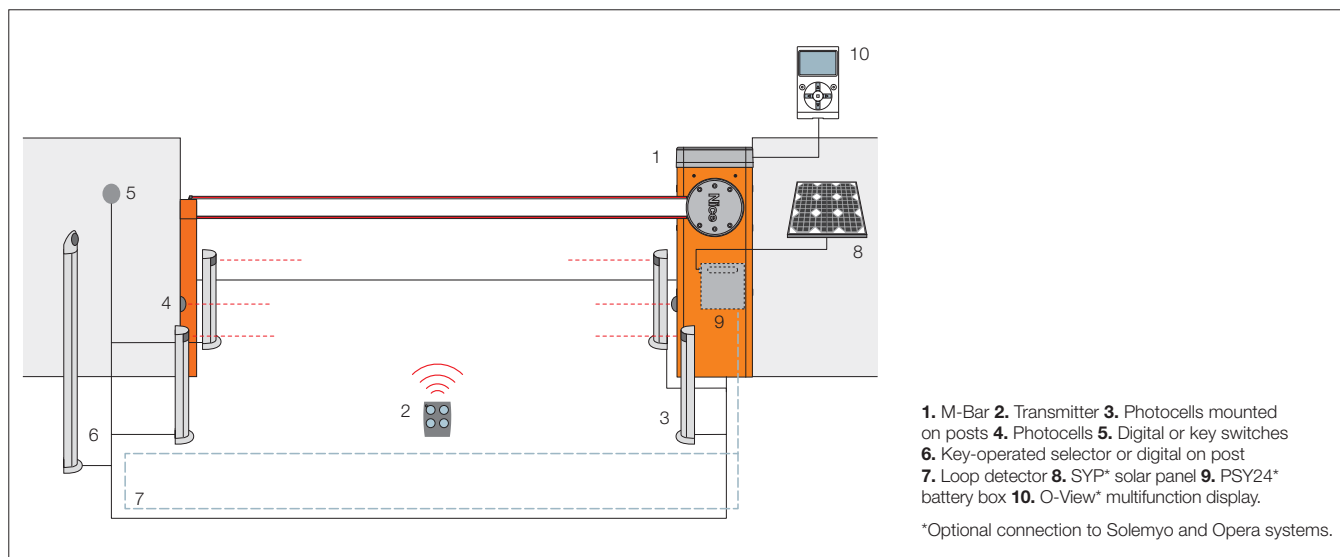
Code	Description
M5BAR	With steel case with protective cataphoresis treatment and paint finish
M5BARI	With stainless steel case

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 (s)	1.5 ÷ 4		3 ÷ 6		6 ÷ 10	
Torque (Nm)	100		200		300	
Work cycle (cycles/hour)	500		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		



Accessories for M3BAR, M5BAR, M7BAR

Code	Description	Pc/pack
XBA3	Spare control unit	1
PS224	24 Vdc buffer battery	1
XBA13	Rubber impact protection strip. Length 1 m	9
WA10	Red adhesive reflector strips	24
XBA8	Integrable traffic light	1
XBA7	Integrable flashing light	1
XBA16	Anchorage base with clamps, for LBAR	1
WA11	Adjustable stand for bars	1

Accessories for M3BAR

Code	Description	Pc/pack
XBA15	White paint-finished aluminium bar 69x92x3150 mm	1
XBA4	Indicator lights for click fixture on upper or lower side of bar. Length 4 m	1
XBA10	Pivoting connection for bars up to 4 m	1
XBA11	Joint for bars XBA15	1

Accessories for M5BAR

Code	Description	Pc/pack
XBA14	White paint-finished aluminium bar 69x92x4150 mm	1
XBA5	White paint-finished aluminium bar 69x92x5150 mm	1
XBA4	Indicator lights for click fixture on upper or lower side of bar. Length 4 m	1
XBA6	Indicator lights for click fixture on upper or lower side of bar. Length 6 m	1
XBA10	Pivoting connection for bars up to 4 m	1
XBA11	Joint for bars XBA14	1
WA12	Mobile stand for bars - <i>New fully reinforced version</i>	1
WA13	Aluminium rack up to 2 m	1

Accessories for M7BAR

Code	Description	Pc/pack
XBA15	White paint-finished aluminium bar 69x92x3150 mm	1
XBA14	White paint-finished aluminium bar 69x92x4150 mm	1
XBA5	White paint-finished aluminium bar 69x92x5150 mm	1
XBA9	Expansion joint	1
XBA6	Indicator lights for click fixture on upper or lower side of bar. Length 6 m	1
XBA18	Indicator lights for click fixture on upper or lower side of bar. Length 8 m	1
WA12	Mobile stand for bars - <i>New fully reinforced version</i>	1
WA13	Aluminium rack up to 2 m	1