

Electromechanical barrier system for road access control.

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

For bars up from 9.8 to 23 ft.

Quality.
Paint-finished aluminium for bar support and cover, with optional flashing light

Practical
Nice key release

Safe.
Tamper-proof function: provision for integrated assembly of photocells

Durability.
Steel case with protective cataphoresis treatment and paint finish, or with stainless steel case

Modular: bars are easily assembled using the aluminium expansion joint.

Possibility for **intelligent control** of two opposing operators 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: 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.

Specially designed enclosures allow simple attachment of photocells to the barrier operator cabinet.

More safety and reliability: obstacle detection and monitoring of motor current 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 lower power 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.

Code	Description	Approvals
M3BAR	Operator 24 Vdc for bars up to 9.8 ft. with foundation plate. Steel case with protective cataphoresis treatment and paint finish. Stainless steel case available on request.	ETL
M5BAR	Operator 24 Vdc for bars up to 13.1 ft. or 16.5 ft. with foundation plate. Steel case with protective cataphoresis treatment and paint finish. Stainless steel case available on request.	ETL
M7BAR	Operator 24 Vdc for bars up to 16.5, 19.7 or 23 ft. with foundation plate. Steel case with protective cataphoresis treatment and paint finish. Stainless steel case available on request.	ETL

Technical Specifications

Code	M3BAR	M5BAR	M7BAR
Electrical data			
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)	500	350	200
Dimensions and general data			
Protection level (IP)	44		
Working temp. (°F Min/Max)	-4 ÷ +122		
Dimensions (inches)	15.5x11.9x47.8 h		
Weight (lbs)	176.4		187.4

Nice accessories to complete M3BAR, M5BAR, M7BAR installation



XBA3
Spare control unit.



PS224
24 Vdc battery back-up.



XBA13
Rubber impact protection strip. Length 3.3 ft.



WA10
Red adhesive reflector strips.



XBA8
Integrable traffic light.



XBA7
Integrable flashing light.



XBA16
Anchorage base with clamps.



WA11
Adjustable stand for bars.

Nice accessories to complete M3BAR installation



XBA15
White paint-finished aluminium bar 2.7x3.6x124 inches.



XBA4
Indicator lights for click fixture on upper or lower side of bar. Length 13.1ft.



XBA10
Pivoting connection for bars up to 13.1 ft.



XBA11
Joint for bars XBA15 (from 76.8 to 94.5 inches).

Nice accessories to complete M5BAR installation



XBA14
White paint-finished aluminium bar 2.7x3.6x163.4 inches.



XBA5
White paint-finished aluminium bar 2.7x3.6x202.7 inches.



XBA4
Indicator lights for click fixture on upper or lower side of bar. Length 13.1 ft.



XBA6
Indicator lights for click fixture on upper or lower side of bar. Length 19.7 ft.



XBA10
Pivoting connection for bars up to 13.1 ft.



XBA11
Joint for bars XBA15 (from 76.8 to 94.5 inches).



WA12
Mobile stand for bars.



WA13
Aluminium rack up to 6.6 ft.