

Nice

Barrier Arm Operator MBAR / LBAR

Blue
BUS



24
Volt



M3/5/7 BAR



LBAR

**Electromechanical barrier system
for road access control**
**24VDC operator with built-in
control unit and two loop detectors**
For arms 8 to 29 ft

Modular: Arms of different length are assembled from standard sections connected with an aluminum expansion joint. Elliptical shape reduces wind loads.

Strength and reliability: Powder coated structural steel enclosure for long life. High strength steel balance springs guaranteed up to 1,000,000 cycles.

Optional flashing or traffic light can be integrated in cover.

Graceful: Digital motion control technology provides smooth movement through full cycle. Limit sensing integrated in adjustable hard stops.

Convenient to service: control unit located under top cover for easy access. Includes features to mount photo eye on interior of cabinet for protection and a clean look.

Inherent obstacle detection automatically reverses arm on contact.

Automatically switches to standby mode when idle for minimal power consumption.

Optional UPS: Battery backup available to maintain operation in case of power outage.

Model	Description	Approvals
M3BAR/V1	Operator, 24VDC, use with XBA series barrier arms, 8 to 9 ft, incl. XBA3/U XBA16	ETL
M5BAR/V1	Operator, 24VDC, use with XBA series barrier arms, 10 to 16 ft, incl. XBA/U XBA16	ETL
M7BAR/V1	Operator, 24VDC, use with XBA series barrier arms, 16 to 23 ft, incl. XBA3/U XBA16	ETL
LBAR/V1	Operator, 24VDC, use with XBA series barrier arms, 23 to 29 ft, incl. XBA3/U XBA17	ETL

Technical Specifications

Model	M3BAR/V1	M5BAR/V1	M7BAR/V1	LBAR/V1
Arm Length Max.	8 to 9 ft	10 to 16 ft	16 to 23 ft	23 to 29 ft
Electrical data				
Voltage Input	24VDC			
Idle Current	1.3mA	1.1mA	1.1mA	1.3mA
Performance data				
Arm Speed	1.5 - 4 seconds	3 - 6 seconds	6 - 10 seconds	8 - 12 seconds
Maximum Torque	100Nm	200Nm	300Nm	400Nm
Duty Cycle	500 cycles/hr	350 cycles/hr	200 cycles/hr	150 cycles/hr
Dimensions and general data				
Ingress Protection	IP44			
Temperature Rating	-4° to 122° F (-20° to 50° C)			
Dimensions (inches)	15.5w x 47.8h x 11.9d	15.5w x 47.8h x 11.9d	15.5w x 47.8h x 11.9d	19.7w x 47.8h x 11.8d
Weight	176.4 (80 kg)	176.4 (80 kg)	187.4 (85 kg)	216 (98 kg)



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Manufacturer of ultra-reliable rural/ranch, residential, commercial, solar, and parking gate operators and accessories.

Arm Opening Coverage per Model

M3BAR



up to 10 ft

M5BAR



13 ft

16 ft

M7BAR



16 ft

10 ft

10 ft

10 ft

13 ft

LBAR



10 ft

13 ft

13 ft

13 ft

13 ft

16 ft



XBA15
10 ft
White paint-finished
aluminium bar



XBA14
13 ft
White paint-finished
aluminium bar



XBA5
16 ft
White paint-finished
aluminium bar



XBA9
Expansion joint.

Nice accessories to complete your MBAR & LBAR system:



XBA16
MBAR plate kit



XBA17
LBAR plate kit



XBA5, XBA14 & XBA15
Barrier arm



XBA9
Expansion joint



XBA10
Break-away pivoting connection
for bars up to 13 ft



XBA11
Articulating joint for bars up
to 13 ft



PS224
24VDC battery back-up



XBA3/U
Spare control unit



WA11
Adjustable stand for bars



WA12R01
Mobile stand for bars



XBA13
Rubber impact protection strip



WA10
Red adhesive reflector strips



XBA7
Flashing light for XBA series



XBA8
Integrable traffic light



XBA4
Indicator lights. Length 13.1 ft



XBA6
Indicator lights. Length 19.7 ft



XBA18
Indicator lights. Length 26.2 ft

SYSTEM DESIGN SUPPORT: Contact Nice/HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Call to speak with a Nice/HySecurity representative today.

VISIT WWW.NICEFORYOU.US OR WWW.HYSECURITY.COM for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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