BFt

Be ahead

MAXIMA ULTRA 36 UL

PRELIMINARY
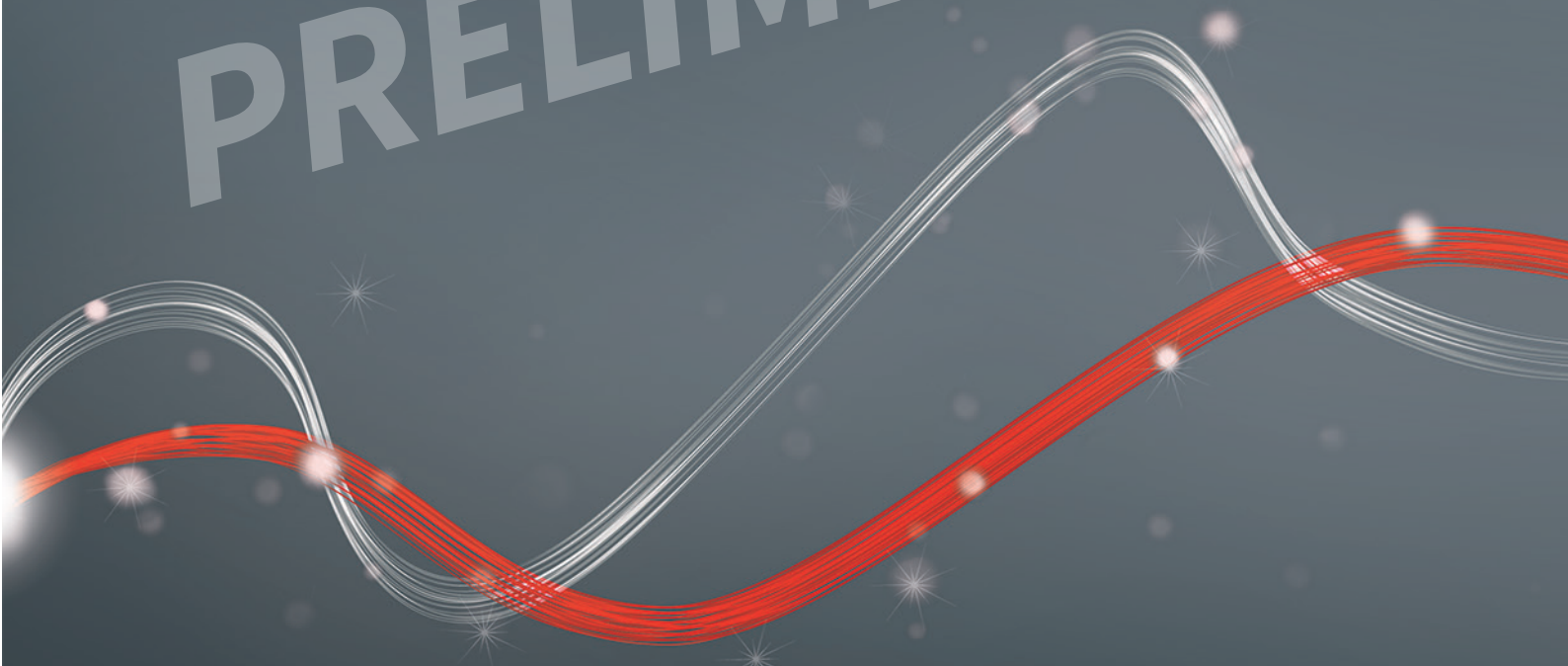
Automatic barriers - road barriers

U-Link · rolling code · **Silentech** · **inverter** · **Oil Gear** · **Block** · **Encoder**

19.41" (493mm)

4.33" (110mm) 13.30" (338mm) 1.77" (45mm) 13.30" (338mm)

40.55" (1030mm)

34.25" (870mm)
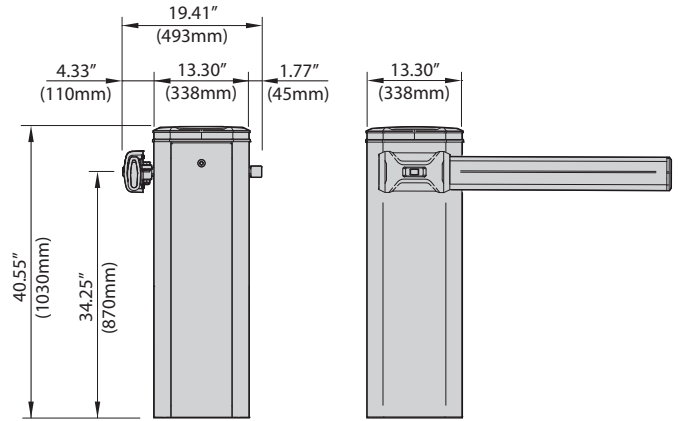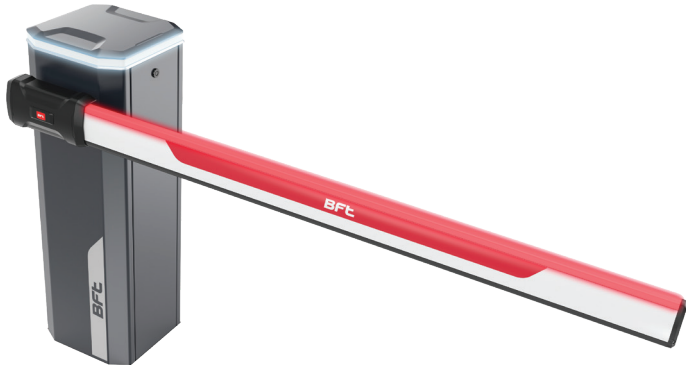
High intensity electromechanical barrier with inverter technology and three-phase asynchronous motor, developed and designed for a wide range of operating conditions such as parking lots or highway toll booths with frequent cycles of movement. Can control access points from 10 ft. to 20 ft. wide with fully accessorized barrier. Oil bath gearbox unit. Mechanical crankshaft movement delivers fluidity of movement of the bar and controls its soft opening and closing movements. Cap with RGB lights (optional) with traffic light function and self-diagnostics. Two cabinet doors provide easy access to internal components.
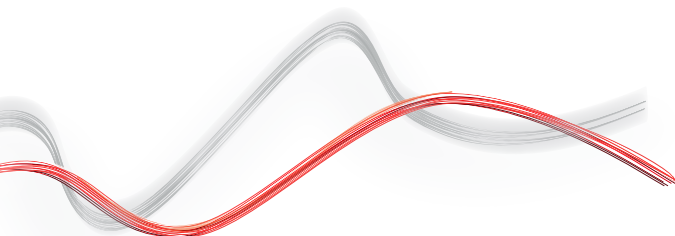
Automatic barriers - road barriers

MAXIMA ULTRA 36 UL

Code	Ci	Name	Description
P940093 02001	2614241	**MAXIMA ULTRA 36 120V UL (10'-16.5' Booms)**	· 120 V electromechanical barrier with three-phase motor and invertor · For 10 ft. to 16.5 ft. openings · Break-away boom (optional) · Opening time between 0.7 and 2.2 seconds, with slowdown · Dual door access for ease of installation · Cap with lights (optional) · Rated up to 20,000 cycles a day · Oil bath gearbox · Color RAL 7015 (slate grey)
P940094 02001	2614242	**MAXIMA ULTRA 36 XL 120V UL (20' Booms)**	· 120 V electromechanical barrier with three-phase motor and invertor · For 20 ft. openings · Break-away boom (optional) · Opening time of 4 seconds, with slowdown · Dual door access for ease of installation · Cap with lights (optional) · Rated up to 5,000 cycles a day · Oil bath gearbox · Color RAL 7015 (slate grey)
2616341	2616341	**3M/10FT MAXIMA UL 120V BARRIER KIT W/ BREAKAWAY**	· MU36 UL Cabinet · RGB Top Cover · Breakaway Kit Hardware · 3m/10ft. Boom · Light Board · 3m/10ft. LED Light Strip for Boom
2616342	2616342	**3M/10FT MAXIMA UL 120V BARRIER KIT**	· MU36 UL Cabinet · RGB Top Cover · Omega Hardware (boom connection bracket) · 3m/10ft. Boom · Light Board · 3m/10ft. LED Light Strip for Boom
2616339	2616339	**4M/13FT MAXIMA UL 120V BARRIER KIT W/ BREAKAWAY**	· MU36 UL Cabinet · RGB Top Cover · Breakaway Kit Hardware · 4m/13ft. Boom · Light Board · 4m/13ft. LED Light Strip for Boom
2616340	2616340	**4M/13FT MAXIMA UL 120V BARRIER KIT**	· MU36 UL Cabinet · RGB Top Cover · Omega Hardware (boom connection bracket) · 4m/13ft. Boom · Light Board · 4m/13ft. LED Light Strip for Boom

Automatic barriers - road barriers

MAXIMA ULTRA 36 UL

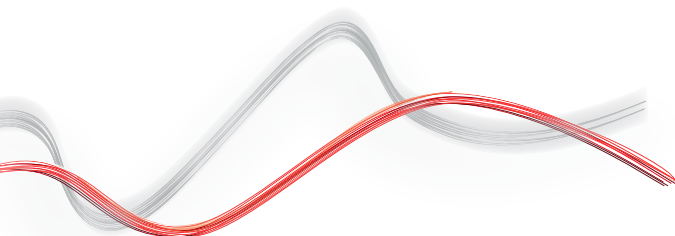| Code	Ci	Name	Description
2616337	2616337	5M/16FT MAXIMA UL 120V BARRIER KIT W/ BREAKAWAY	· MU36 UL Cabinet · RGB Top Cover · Breakaway Kit Hardware · 5m/16ft. Boom · Internal Boom Reinforcement · Light Board · 5m/16ft. LED Light Strip for Boom
2616338	2616338	5M/16FT MAXIMA UL 120V BARRIER KIT	· MU36 UL Cabinet · RGB Top Cover · Omega Hardware (boom connection bracket) · 5m/16ft. Boom · Internal Boom Reinforcement · Light Board · 5m/16ft. LED Light Strip for Boom
2617975	2617975	6M/20FT MAXIMA UL 120V BARRIER KIT W/ BREAKAWAY	· MU36 XL UL Cabinet · RGB Top Cover · Breakaway Kit Hardware · 6m/20ft. Boom · Internal Boom Reinforcement · Light Board · 6m/20ft. LED Light Strip for Boom
2617976	2617976	6M/20FT MAXIMA UL 120V BARRIER KIT	· MU36 XL UL Cabinet · RGB Top Cover · Hardware Kit to Connect Boom to Cabinet · 6m/20ft. Boom · Internal Boom Reinforcement · Light Board · 6m/20ft. LED Light Strip for Boom

Automatic barriers - road barriers

Cp I700123 50001 - **Ci** 2613813 - **MAXIMA ULTRA 36 UL 120V Control Board included with the barrier**

- Card power supply: 120V single-phase
- Main characteristics: removable terminal boards with new color standard, simplified programming with scenario display, integrated two-channel receiver, D-Track based antisquashing system, and slowdown during opening or closing.

	MAXIMA ULTRA 36 120V UL (10'-16.5' Booms)	MAXIMA ULTRA 36 XL 120V UL (20' Booms)
Opening time (depending on the width of the leaf)	from 0.7 to 3.9 s	from 0.7 to 3.9 s
Clear opening	from 10 ft. to 20 ft.	from 20 ft.
Motor type	Three-phase asynchronous	Three-phase asynchronous
Internal lubrication	In oil bath	In oil bath
Motor power supply	120V	120V
Control unit	MAXIMA ULTRA 36 UL 120V Control Board	MAXIMA ULTRA 36 UL 120V Control Board
Inverter	Yes	Yes
Slowdown	Yes	Yes
Impact reaction	encoder	encoder
Locking	Mechanical	Mechanical
Release	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7000000 Op	7000000 Op
Processing type	RAL7015 (slate grey) cataphoresis coating and paint	RAL7015 (slate grey) cataphoresis coating and paint
Environmental conditions	-40 to 140 °F	-40 to 140 °F
Protection rating	IP55	IP55

Automatic barriers - road barriers

REQUIRED ACCESSORIES

Cp P120087 00001 - **Ci** 2601376
BOOM PS30

Aluminium bar, opening L = 10 ft. with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.

Cp P120087 00002 - **Ci** 2601377
BOOM PS40

Aluminium bar, opening L = 13 ft. with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.

Cp P120087 00003 - **Ci** 2601378
BOOM PS50

Aluminium bar, opening L = 16.5 ft. with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.

Cp P120087 00004 - **Ci** 2601277
BOOM PS60

Aluminium bar, opening L = 20 ft. with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.

Cp P120084 00000 - **Ci** 2601263
Boom connection bracket: OMEGA PS MAXIMA U36

Single lock for protective finger trapping casing and screws for MAXIMA ULTRA 36. BOOM PS bar excluded.

Cp P120094 00000 - **Ci** 2601387
Boom connection bracket with Break-Away: OMEGA FRA PS MAXIMA U36

Resettable impact protection connector (manual) for Maxima Ultra 36 barrier. BOOM PS bar excluded.

RECOMMENDED ACCESSORIES

Cp P120088 00001 - **Ci** 2616394
Foundation plate for new concrete: DIMA PRO36

Foundation base kit for MAXIMA ULTRA 36 UL. Used for new concrete foundations (6 in. x 6 in.).

Cp P120089 20002 - **Ci** 2605242
LIGHT PS/ES 40-IP67

High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 13 ft. long. Power supply unit excluded.

Cp P120089 20001 - **Ci** 2605241
LIGHT PS/ES 30-IP67

High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 10 ft. long. Power supply unit excluded.

Cp P120089 20004 - **Ci** 2605244
LIGHT PS/ES 60-IP67

High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 20 ft. long. Power supply unit excluded.

Cp P120089 20003 - **Ci** 2605243
LIGHT PS/ES 50-IP67

High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 16.5 ft. long. Power supply unit excluded.

Automatic barriers - road barriers

RECOMMENDED ACCESSORIES

Cp P120075 - **Ci** 2601276
ALLU 2 MAXIMA ULTRA

Power supply for ATM LIGHT Kit on Maxima Ultra

Cp P120091 - **Ci** 2601388
HYPHEN PS

Internal reinforcement/joint for BOOM PS booms. Already included in the Maxima Ultra 36 XL barriers but recommended for barriers L ≥ 16 ft. with or without accessories.

Cp P120108 - **Ci** 2605251
HYPHEN PS PRO

Internal reinforcement for BOOM PS booms L = 6.9 in. Increases the rigidity of the bar. Recommended for use in particularly windy areas.

Cp P120113 - **Ci** 2605261
PS JOINT

Joint for BOOM PS booms.

Cp P120085 - **Ci** 2601279
BTM-SKIRT

Lower skirt for BOOM PS booms. Module length L = 6.6 ft.

Cp P120086 - **Ci** 2605234
FULL-SKIRT

Full skirt (top and bottom) for BOOM PS booms. Module length L = 6.6 ft. Does not include SKIRT BRACKET required for anchoring the first module to the barrier body.

Cp P120095 - **Ci** 2601389
BRACKET SKIRT

Connection bracket between barrier body and simple (BTM SKIRT) or double (FULL SKIRT) aluminium rack.

Cp P120093 - **Ci** 2613063
ADJ-FOOT

Suspended cushioned telescopic supporting foot for BOOM PS booms.

new **Cp** P120120 - **Ci** 2614917
KIT ART90 PS MAXIMA ULTRA36

Hinge accessories kit for PS 90° articulated bar on Maxima Ultra 36. Excludes tie rod, bar, bar connector and PS lights. Compatible with PS BOOMS

new **Cp** P120121 - **Ci** 2614918
TIE ROD FOR ART90 PS KIT

Tie rod to be combined with the hinge accessories kit for PS 90° articulated bar. Compatible with ART 90 PS MAXIMA ULTRA KIT 36 and ART 90 GIOTTO ULTRA 36 KIT

Cp P120080 - **Ci** 2601319
FAF UNI R

Universal adjustable fork for all rods; recommended with installation of FULL SKIRT accessory.

Cp P120079 - **Ci** 2605230
EBB KIT ATML

Electric lock for ATML rods to be installed on an FAF UNI R adjustable fork.

Cp D110926 00001 - **Ci** 2600569
SPIRA 2X1

Magnetic loop 6.56 ft. x 3.28 ft.

Cp P111274 - **Ci** 2611230
RME 1 BT

24V single channel metal object detector with installation base

new **Cp** D111906 - **Ci** 2600535
MITTO B RCB04 TRANSMITTER/REMOTE (4 CH.)

4-Channel transmitter. 164/328 ft. range. 3V power supply with 1 CR2032 type battery. Blue.

new **Cp** D111904 - **Ci** 2600534
MITTO2 - ROLLING CODE TRANSMITTER/REMOTE (2 CH.)

2-Channel transmitter. 164/328 ft. range. 3V power supply with 1 CR2032 type battery. Blue.
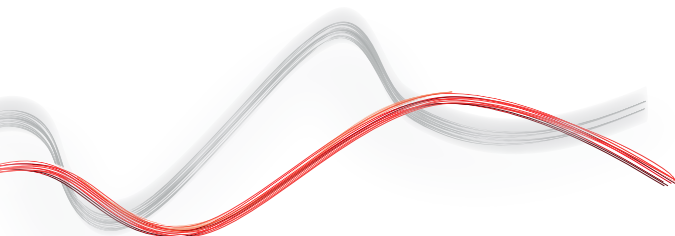
Automatic barriers - road barriers

What is U-Link?

The technology that gives you more power

U-Link, Universal Link, is an exclusive Bft platform that can be used to create high-tech ecosystems.
In Home Access Automation, it can be used to communicate with all home access automation devices of any brand. This saves you time and allows you to control everything easily and without any worries.

It is intuitive
Easy to install and to use

It is scalable
You can add as many devices as you want

It is flexible
It allows you to create groups of interconnected products

It is practical
Works with or without an internet connection

It is functional
Its settings can be controlled remotely using dedicated applications

Automatic barriers - road barriers

Everything on one screen: find out more about this amazing technology

A world-exclusive platform that **can be used to create high-tech ecosystems** offering a vast range of solutions for many different sectors.

This proprietary platform which is a key feature of Bft products, thanks to the B-EBA cards and the Clonix U-Link receiver, is suitable for any protocol or product for access automation (including Bft products, non-BFT products, and older versions), and it can be used in a variety of different sectors. This means any device becomes a smart device which can be interconnected with other systems using a language that is becoming universal.
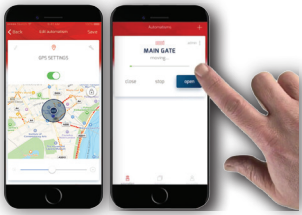
U-Control HOME

U-Control HOME is the application that allows you to open the gate to your home and to remotely control Bft automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.

U-Base 2

An easy and convenient software package for installation, performing maintenance, and identifying any faults in the U-Link compatible operators.
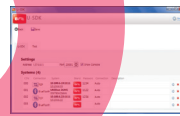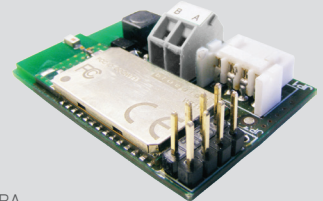
U-SDK

A user-friendly app to allow for compatibility and integration between BFT automations and a BMS network.

Clonix U-Link
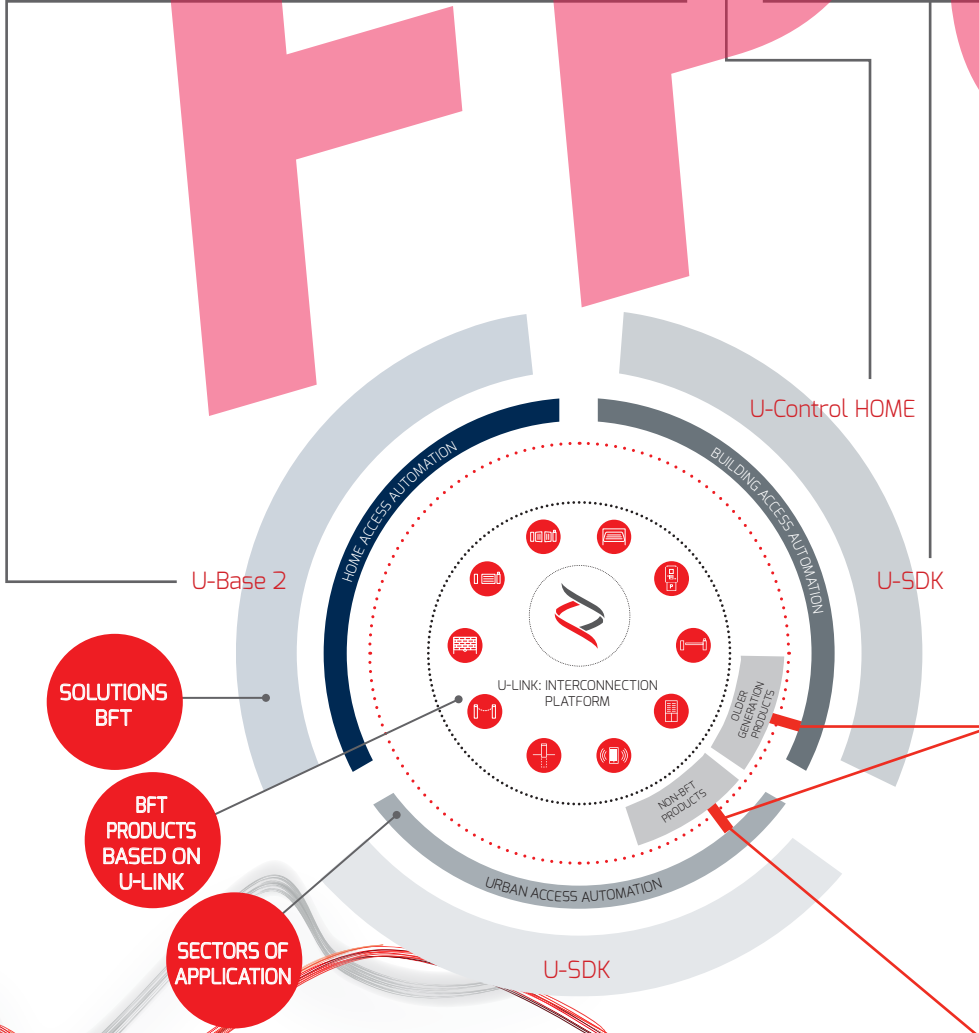Connect non-native U-Link and non-Bft products to U-Link systems.

Is it possible to connect non-native U-Link Bft operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.

B-EBA
A direct link to your operators.

The B-EBA expansion cards make it possible to connect external devices such as PCs, smartphones, and tablets to a Bft operator and a Clonix receiver or to connect multiple Bft products in a U-Link network. These accessories integrate with U-Link technology and with Bluetooth, Wifi, Z-Wave, and TCP/IP protocols as well as with the RS485 serial interface. A device that demonstrates exactly what Bft means by interconnectivity.

U-Control HOME

HOME ACCESS AUTOMATION

BUILDING ACCESS AUTOMATION

U-LINK: INTERCONNECTION PLATFORM

OLDER GENERATION PRODUCTS

NON-BFT PRODUCTS

U-Base 2

U-SDK

SOLUTIONS BFT

BFT PRODUCTS BASED ON U-LINK

SECTORS OF APPLICATION

URBAN ACCESS AUTOMATION

U-SDK

HOME
ACCESS AUTOMATION

BUILDING
ACCESS AUTOMATION

URBAN
ACCESS AUTOMATION

PRELIMINARY

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