# BFt
Be ahead
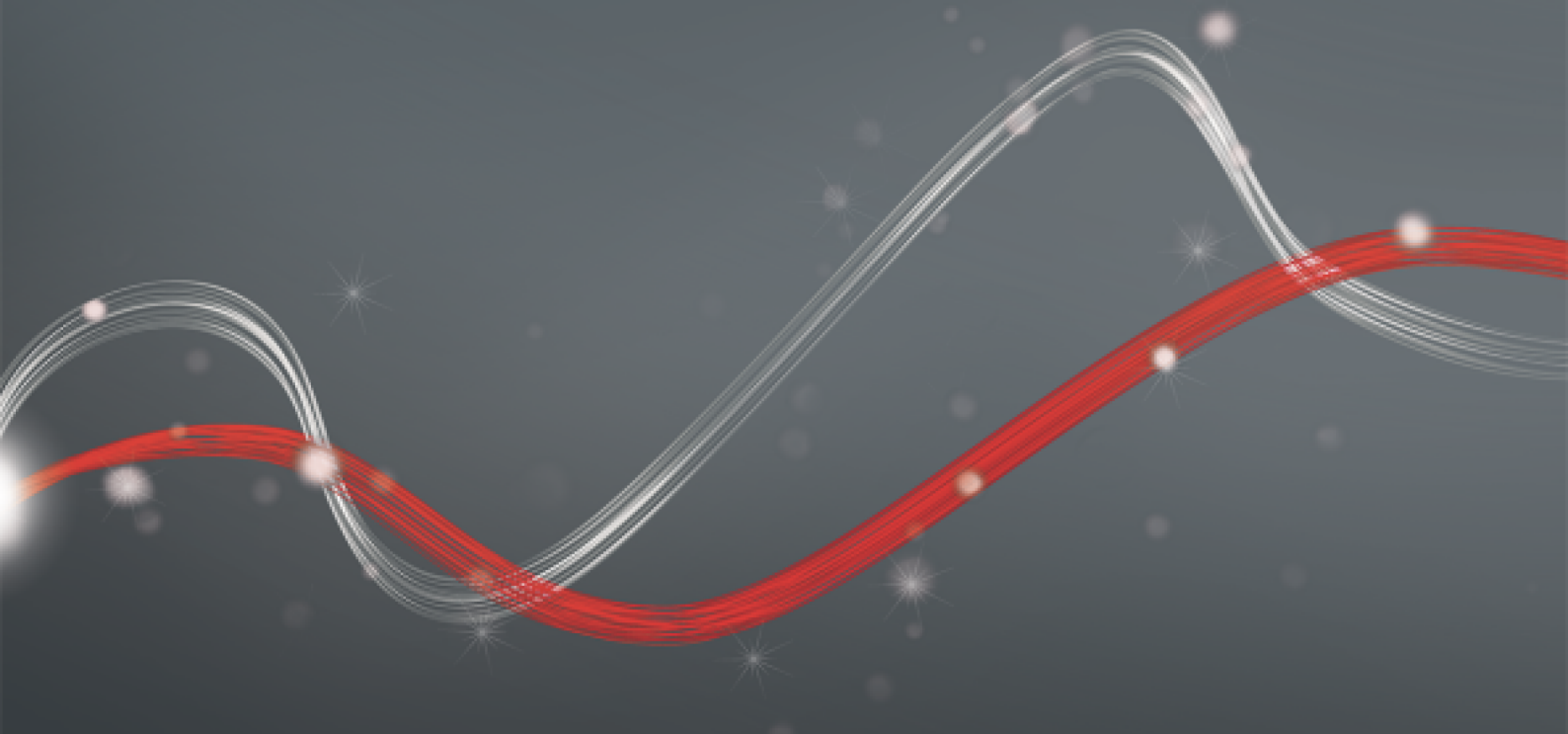
# MICHELANGELO BT A

## Automatic barriers - road barriers

**er ready**

**ee link**

**24 V**

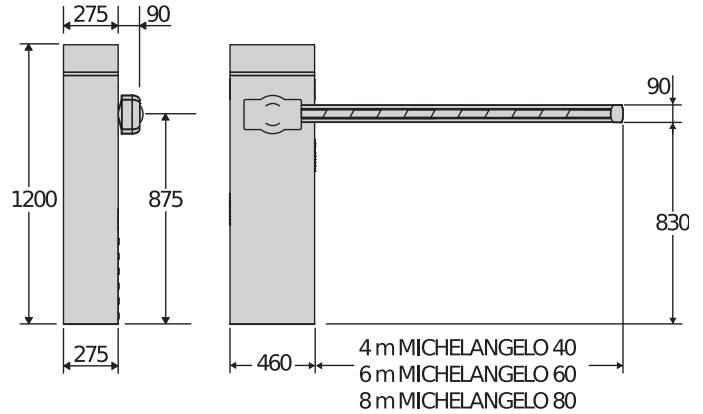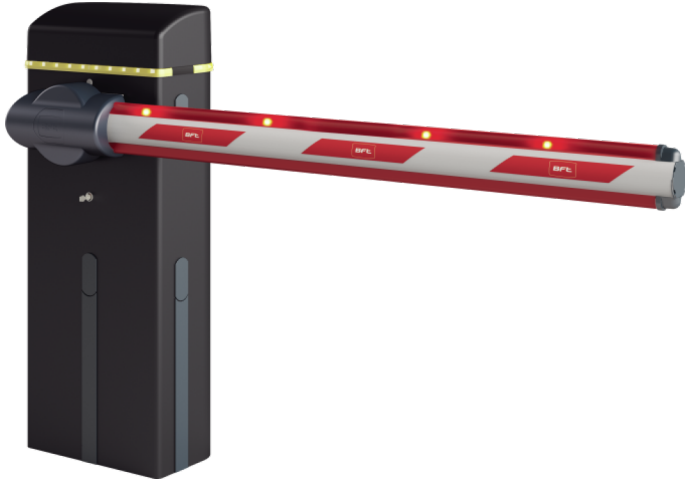**U-Link**

**Empowered by U-LINK**

275 · 90 · 1200 · 875 · 275

90 · 830 · 460

4 m MICHELANGELO 40
6 m MICHELANGELO 60
8 m MICHELANGELO 80

Range of barriers for very intensive use, for clear openings of up to 8 metres.
The wide range of accessories, incorporated flashing light and the arrangement for photocells make them ideal in any context
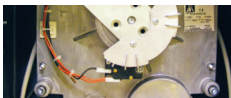
| Relevant features |
| --- |

New control board Merak BM with U-Link connectivity slot, programming display and two-channel radio receiver incorporated. Mounted in the upper part of the barrier for an easier and convenient access.

IP54 protection level and new design.

Limit switch system with electronic adjustment that speeds up installation and ensures maximum precision in movement.

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| Relevant features |
|---|

 Backup battery power supply system, installable on-board unit.

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## MICHELANGELO BT A

| Code | Name | Description | |
|------|------|-------------|---|
| **P940076 00002** | **MICHELANGELO BT A 60 U** | Barrier with 24 V power supply for useful passage up to 6 m and opening time 6 s. Impact reaction via Encoder. Control unit with ULink slot, display and receiver in head. RAL 7015 grey colour | U-Link |
| **P940076 00102** | **MICHELANGELO BT A 60 U RAL** | Barrier with 24 V power supply for useful passage up to 6 m and opening time 6 s. Impact reaction via Encoder. Control unit with ULink slot, display and receiver in head. RAL colour on request. | U-Link |
| **P940076 00001** | **MICHELANGELO BT A 60 U 120** | Control unit with ULink slot, display and receiver in head. RAL 7015 grey colour Barrier with 24 V power supply for useful passage up to 6 m and opening time 6 s. Impact reaction via Encoder. | U-Link |
| **P940076 00101** | **MICHELANGELO BT A 60 U 120 RAL** | Control unit with ULink slot, display and receiver in head. RAL colour on request Barrier with 24 V power supply for useful passage up to 6 m and opening time 6 s. Impact reaction via Encoder. | U-Link |
| **P940077 00002** | **MICHELANGELO BT A 80 U** | Barrier with 24 V power supply for useful passage up to 8 m and opening time 8 s. Impact reaction via Encoder. Control unit with ULink slot, display and receiver in head. RAL 7015 grey colour | U-Link |
| **P940077 00102** | **MICHELANGELO BT A 80 U RAL** | Control unit with ULink slot, display and receiver in head. RAL colour on request Barrier with 24 V power supply for useful passage up to 8 m and opening time 8 s. Impact reaction via Encoder. | U-Link |
| **P940077 00001** | **MICHELANGELO BT A 80 U 120** | Control unit with ULink slot, display and receiver in head. RAL 7015 grey colour Barrier with 24 V power supply for useful passage up to 8 m and opening time 8 s. Impact reaction via Encoder. | U-Link |
| **P940077 00101** | **MICHELANGELO BT A 80 U 120 RAL** | Control unit with ULink slot, display and receiver in head. RAL colour on request Barrier with 24 V power supply for useful passage up to 8 m and opening time 8 s. Impact reaction via Encoder. | U-Link |

**MERAK BM8: Incorporated control unit for one 24V operator for sliding gates**

**MERAK BM8 - Built in**

- Incorporated control unit for one 24V operator for sliding gates
- Card power supply: 230 V single-phase
- Main characteristics: removable terminal boards withe new colour standard,simplified programming with scenario display, integrated two-channel receiver, D-Track based antisquashing system and slowdown during opening or closing.

| | MICHELANGELO BT A 60 U | MICHELANGELO BT A 60 U RAL | MICHELANGELO BT A 60 U 120 | MICHELANGELO BT A 60 U 120 RAL | MICHELANGELO BT A 80 U | MICHELANGELO BT A 80 U RAL |
|---|---|---|---|---|---|---|
| Clear opening | 6 m | 6 m | 6 m | 6 m | 8 m | 8 m |
| Control unit | MERAK BM | MERAK BM | MERAK BM | MERAK BM | MERAK BM | MERAK BM |
| Motor power supply | 24 V | 24 V | 24 V | 24 V | 24 V | 24 V |
| Power consumption | 300 W | 300 W | 300 W | 300 W | 300 W | 300 W |
| Type of limit switch | Electronic | Electronic | Electronic | Electronic | Electronic | Electronic |
| Slowdown | Yes | Yes | Yes | Yes | Yes | Yes |
| Locking | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical |
| Release | Key | Key | Key | Key | Key | Key |
| Impact reaction | Encoder | Encoder | Encoder | Encoder | Encoder | Encoder |
| Frequency of use | intensive | intensive | intensive | intensive | intensive | intensive |
| Protection rating | IP54 | IP54 | IP54 | IP54 | IP54 | IP54 |
| Environmental conditions | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C |

## Automatic barriers - road barriers

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| | MICHELANGELO BT A 80 U 120 | MICHELANGELO BT A 80 U 120 RAL |
|---|---|---|
| Clear opening | 8 m | 8 m |
| Control unit | MERAK BM | MERAK BM |
| Motor power supply | 24 V | 24 V |
| Power consumption | 300 W | 300 W |
| Type of limit switch | Electronic | Electronic |
| Slowdown | Yes | Yes |
| Locking | Mechanical | Mechanical |
| Release | Key | Key |
| Impact reaction | Encoder | Encoder |
| Frequency of use | intensive | intensive |
| Protection rating | IP54 | IP54 |
| Environmental conditions | -20/(-40 with THERMO heater) ÷ 55 °C | -20/(-40 with THERMO heater) ÷ 55 °C |

# RECOMMENDED ACCESSORIES

| | | | |
|---|---|---|---|
| | D730964 - **BM**<br><br>adjustable base plate for mod. MICHELANGELO - BM | | N728022 - **AQ6**<br><br>Complete 6 m rectangular boom for MICHELANGELO |
| | N728026 - **AT 704**<br><br>Round boom ø 70 mm, length 4.3 m. for clear spaces up to 4 m ATT 704 | | N728030 - **AT 706**<br><br>Round boom diam. 70 mm length 6.35 m for MICHELANGELO. for openings up to 6 m |
| | N728028 - **AT 502**<br><br>Second part of telescopic round boom for MICHELANGELO, diam. 50 mm, length 2.6 m. | | N728027 - **AT 504**<br><br>Second part of telescopic round boom for MICHELANGELO, diam. 50 mm, length 4.6 m. |
| | N999606 - **OMEGA AQ 6**<br><br>Accessories pack for AQ 6 boom | | N999607 - **OMEGA AT 70**<br><br>Accessories pack for AT 704/706 |
| | N999386 - **ACC MCL ATT**<br><br>Accessories pack for ATT 704 / 706 ACC MCL ATT boom | | P120072 - **KIT ML MCL40**<br><br>Spring kit for conversion from Michelangelo 60 to Michelangelo 40 |
| | P120028 00001 - **PCA N3**<br><br>Top and bottom rubber cover profile for booms of 3 m max. | | P120028 00002 - **PCA N4**<br><br>Top and bottom rubber cover profile for booms of 4 m max. |

**Automatic barriers - road barriers**

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# RECOMMENDED ACCESSORIES

| | |
|---|---|
| P120028 00003 - **PCA N5**<br><br>Top and bottom rubber cover profile for booms of 5 m max. | P120028 00004 - **PCA N6**<br><br>Top and bottom rubber cover profile for booms of 6 m max. |
| P120028 00005 - **PCA N8**<br><br>Top and bottom rubber cover profile for booms of 8 m max. | P120006 - **MCL LAMPO KIT**<br><br>Integrated flashing light. The MCL CARD KIT is needed for operation |
| P120009 - **SCHEDA MCL KIT**<br><br>Control board for KIT MCL LIGHT and KIT MCL LAMPO | P120005 00001 - **MCL LIGHT KIT**<br><br>Light kit (6 lights) for boom. For use in conjunction with PCA. The MCL CARD KIT is necessary for operation |
| D573003 - **SB**<br><br>Aluminium skirt for road barrier booms. Price per linear metre (Calculate length of useful passage minus 40cm) | D730088 - **FAF**<br><br>Fixed rest fork for booms for cementing to ground. |
| P125025 - **FAF 2R** | P120026 - **ZFAF2**<br><br>Additional anchor plates for cementing FAF2 forks to ground. |
| P120023 - **FAF 2**<br><br>Rest fork for booms. For bolting to ground. | D940008 - **GA AQ AT**<br><br>Movable support leg for AQ or AT booms (on MOOVI, MICHELANGELO and GIOTTO barriers) - |
| D940009 - **GAMA AQ AT**<br><br>Dampened movable support leg for AQ or AT booms (on MOOVI, MICHELANGELO and GIOTTO barriers) - | P120018 - **THERMO**<br><br>Thermostatically controlled heating element for use of GIOTTO BT A, MOOVI, MICHELANGELO BT A barriers to ambient temperatures of -40°C |
| N190104 - **BIR C**<br><br>Rubber safety edge (H 30 mm), price per m | P125038 - **MCL BT A BAT KIT**<br><br>Set of backup batteries for MICHELANGELO BT A barriers |
| P111401 00001 - **VENTIMIGLIA NS**<br><br>Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard) | P111001 00003 - **RME 2**<br><br>230 V dual channel metal object detector with installation base |

**Automatic barriers - road barriers**

## RECOMMENDED ACCESSORIES

| | | | |
|---|---|---|---|
| D110926 00001 - **SPIRA 2X1**<br><br>Magnetic loop 2 x 1 m | | | |

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BUILDING
ACCESS AUTOMATION
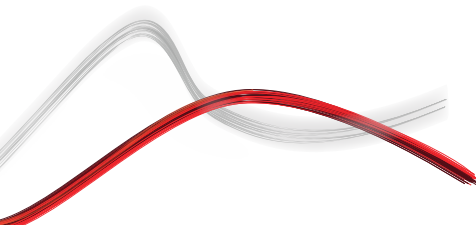
# What is U-Link?

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**

Empowered by
# U-LINK

# 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 ones 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
A software package for installation, performing maintenance and identifying any faults in the U-Link compatible operators, easily and conveniently.

### U-SDK
U-SDK is the application which allows BFT automations to be made compatible and easily integrated with 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.

SOLUTIONS BFT

BFT PRODUCTS BASED ON U-LINK

SECTORS OF APPLICATION

U-Base 2 · U-Control HOME · U-SDK · HOME ACCESS AUTOMATION · BUILDING ACCESS AUTOMATION · URBAN ACCESS AUTOMATION · OLDER GENERATION PRODUCTS · NON-BFT PRODUCTS · U-LINK: INTERCONNECTION PLATFORM · U-SDK

**HOME**
ACCESS AUTOMATION

**BUILDING**
ACCESS AUTOMATION

**URBAN**
ACCESS AUTOMATION