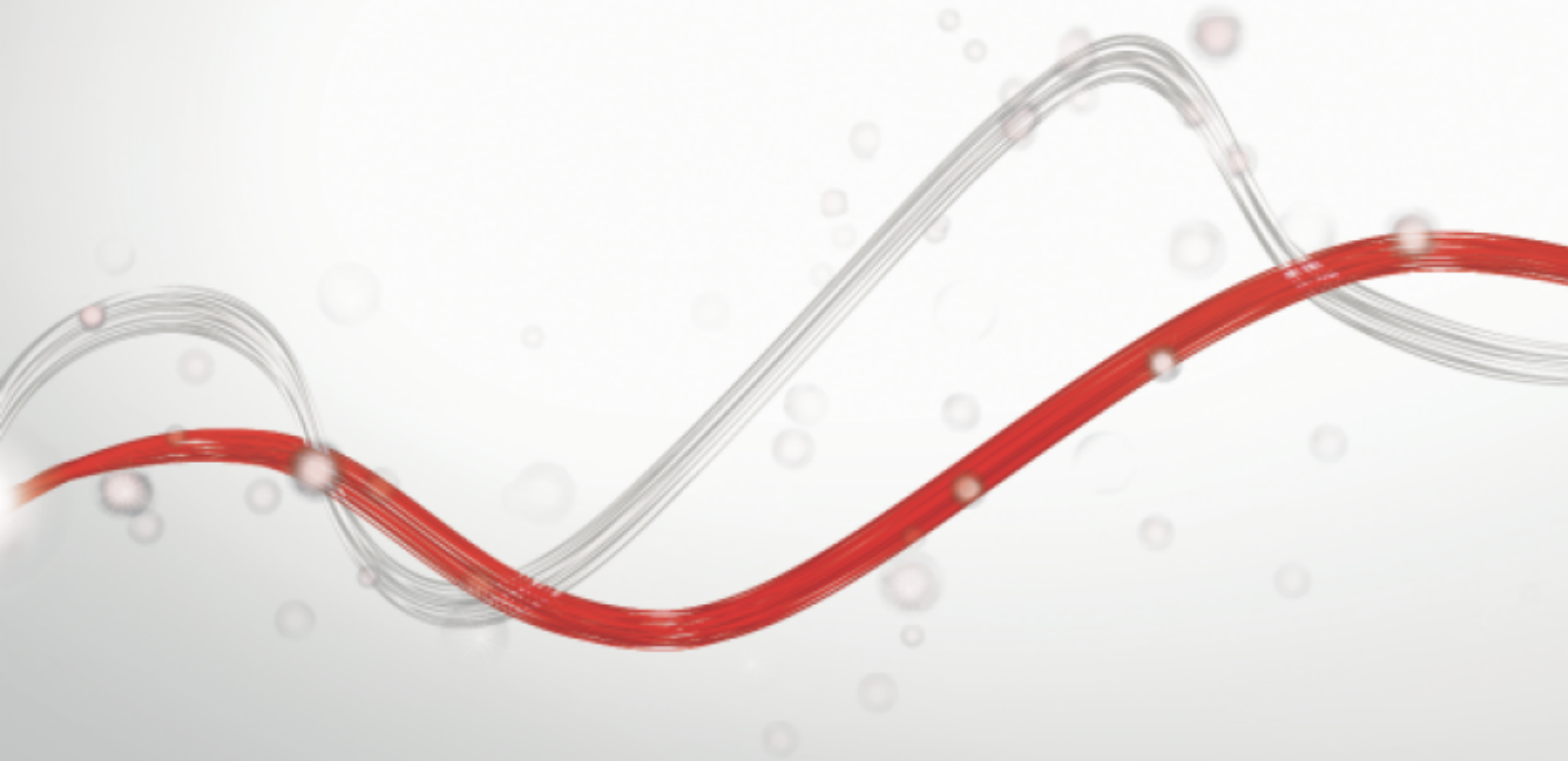




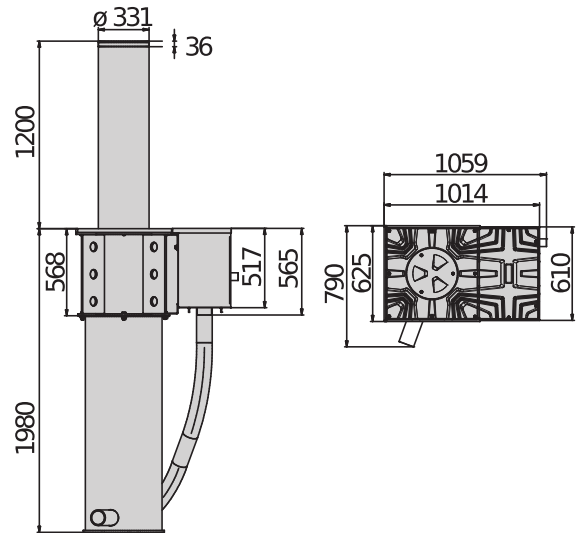
Be ahead

XPASS K12 B





Anti-Terrorism bollards



Automatic hydraulic anti-terrorism bollard, tested and certified (crash-tested) by independent body in accordance with standards IWA14-1:2013 and PAS 68 (equivalent to American standards K12 and K4), with independent hydraulic control unit. Suitable for the protection of sensitive sites. Independent side hydraulic pump for each bollard: in case of a control unit failure the other bollards remain functional, whereas maintenance operations are facilitated.





Anti-Terrorism bollards

XPASS K12 B

Code	Name	Description
P970105 00001	XPASS B 330/1200 BODY L	Anti-terrorism hydraulic bollard K12. Shaft height 1200 mm, diameter 330 mm and cap with LED lights. In case of a power outage the shaft does not lower spontaneously. RAL 7015 painted steel version. Hydraulic power unit not included, foundation box included Maximum breakage resistance Anti-terrorism certification
P970105 00101	XPASS B 330/1200 BODY L-RAL	Hydraulic anti-terrorism bollard K12. Shaft height 1200 mm, diameter 330 mm, with LED lights cap. In the event of a power failure, the shaft does not lower automatically. Painted steel version. Hydraulic control unit not included, RAL colour to order. Maximum breakage resistance Anti-terrorism certification
P970105 00002	XPASS B 330/1200 BODY LI	Hydraulic anti-terrorism bollard K12. Shaft height 1200 mm, diameter 330 mm and LED light cap. In the event of a power failure, the shaft does not drop spontaneously. Hydraulic control unit not included, foundation box included Stainless steel version. Maximum breakage resistance Anti-terrorism certification
D113828	XPASS B 330/1200 HYDR. UNIT	Hydraulic unit for XPASS B 330/1200 BODY L / LI without EFO device for rapid emergency raising
D114095	XPASS B 330/1200 HYDR. UNIT 60Hz	Hydraulic control unit for XPASS B 330/1200 BODY L/LI without EFO device for rapid emergency raising, 60 Hz.
D113829	XPASS B 330/1200 HYDR. UNIT + EFO	Hydraulic unit for XPASS B 330/1200 BODY L / LI with EFO device for rapid emergency raising
D114096	XPASS B 330/1200 HYDR. UNIT + EFO 60Hz	Hydraulic control unit for XPASS B 330/1200 BODY L/LI with EFO device for rapid emergency raising, 60 Hz.

PERSEO CBE 230.P SD: Control unit with U-Link, receiver and incorporated heating circuit (to -40°C) for electro-mechanical and hydraulic bollards. Can manage up to 4 bollards at the same time (or up to 2 Xpass 1200)



D113812 00002 - PERSEO CBE 230.P SD - Recommended



- Control unit with U-Link, receiver and incorporated heating circuit (to -40°C) for electro-mechanical and hydraulic bollards. Can manage up to 4 bollards at the same time (or up to 2 Xpass 1200)
- Application: Control panel for operating 1 to 4 automatic bollards, single-phase (in parallel) (or max. 2 XPASS B 330/1200)
- Board power supply: 230V single phase
- Output power: 230Vac single-phase, 12A max.
- Main features: removable terminal blocks, digital programming, 3-digit display, Proxima programmer connector, dual-channel receiver 2048 codes included, heater for operation to -40°C, complete support for anti-terrorism bollards, 11 inputs, 9 outputs.
- Main features: U-Link interconnectivity, automatic reclosing, separate open and close, pre-flashing, deadman control, automatic or semi-automatic, opening and closing limit switch management, arranged for UPS.

	XPASS B 330/1200 BODY L	XPASS B 330/1200 BODY L-RAL	XPASS B 330/1200 BODY LI	XPASS B 330/1200 HYDR. UNIT	XPASS B 330/1200 HYDR. UNIT 60Hz	XPASS B 330/1200 HYDR. UNIT + EFO
Control unit	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE
Power supply	230 V	230 V	230 V	230 V	230 V	230 V
Rod height	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm
Rod thickness	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm
Rod diameter	330 mm	330 mm	330 mm	330 mm	330 mm	330 mm
Type of limit switch	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor
Rod treatment	RAL 7015 painted steel and reflective film H: 100 mm	RAL 7015 painted steel and reflective film H: 100 mm	AISI304 or AISI316	RAL 7015 painted steel and reflective film H: 100 mm	RAL 7015 painted steel and reflective film H: 100 mm	AISI304 or AISI316 stainless steel
Raise time	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	6,30 s	6,30 s	max. 6.3 s (1.5 in emergency)
Lower time	4 s	4 s	4 s	4 s	4 s	4 s
Break-in proof	2100000 J	2100000 J	2100000 J	2100000 J	2100000 J	2100000 J









Anti-Terrorism bollards

	XPASS B 330/1200 BODY L	XPASS B 330/1200 BODY L-RAL	XPASS B 330/1200 BODY LI	XPASS B 330/1200 HYDR. UNIT	XPASS B 330/1200 HYDR. UNIT 60Hz	XPASS B 330/1200 HYDR. UNIT + EFO
Antiterrorism: reference standard	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation
Manual cycle	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power
Frequency of use	2000 Op/gg	2000 Op/gg	2000 Op/gg	2000 Op/gg	2000 Op/gg	2000 Op/gg
Protection rating	IP67	IP67	IP67	IP67	IP67	IP67
Environmental conditions	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C

	XPASS B 330/1200 HYDR. UNIT + EFO 60Hz
Control unit	PERSEO CBE
Power supply	230 V
Rod height	1200 mm
Rod thickness	25 mm
Rod diameter	330 mm
Type of limit switch	REED magnetic sensor
Rod treatment	AISI304 or AISI316 stainless steel
Raise time	max. 6.3 s (1.5 in emergency)
Lower time	4 s
Break-in proof	2100000 J
Antiterrorism: reference standard	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation
Manual cycle	reversible by means of mechanical key with no power
Frequency of use	2000 Op/gg
Protection rating	IP67
Environmental conditions	-40 ÷ 60 °C

RECOMMENDED ACCESSORIES












	P800116 - TOTEM UNIT Base module for TOTEM, can be used for both lower and upper units.		new P800116 00102 - TOTEM UNIT - RAL Base module for TOTEM, can be used for both lower and upper units. RAL colour as requested.
	P800117 - TLIGHTS Traffic lights and top covering for totem		P800117 00102 - TLIGHTS - RAL Traffic lights and upper cover for totem unit. RAL colour to order
	P800108 - TCAP Top covering without lights for elements of Totem.		P800108 00102 - TCAP - RAL Top covering without lights for elements of Totem. RAL colour as requested.





Anti-Terrorism bollards

RECOMMENDED ACCESSORIES

	P800040 - TPF Foundation and anchor plate for totem		P800111 - MANUAL PUMP 2LT 2 litre manual pump
	P800112 - TAP FOR MANUAL PUMP Joint for two-litre manual pump.		P111786 - LOOP DETECTOR PRO Metal object detector, 2 channels, 24 VDC/AC, up to 4 frequencies per channel for installation of adjacent coils, adjustable sensitivity level, boost function for increasing sensitivity, direction of travel management
	D121619 - SPC3 Open stop close button panel.		P111001 00003 - RME 2 230 V dual channel metal object detector with installation base
	D110926 00001 - SPIRA 2X1 Magnetic loop 2 x 1 m		P800103 - XPASS 800 ALARM Anti-vandalism alarm for XPASS 275/800
	D113705 - ACOUSTIC DETECTOR Adjustable acoustic detector for sirens		P800114 - BOLLARD CABLE EXT25 Extra charge for 25 m cable for bollards (to be added to the 10 included into bollards)
	P800115 - BOLLARD CABLE EXT50 Extra charge for 50 m cable for bollards (to be added to the 10 included into bollards)		





Anti-Terrorism bollards

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



Anti-Terrorism bollards

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.

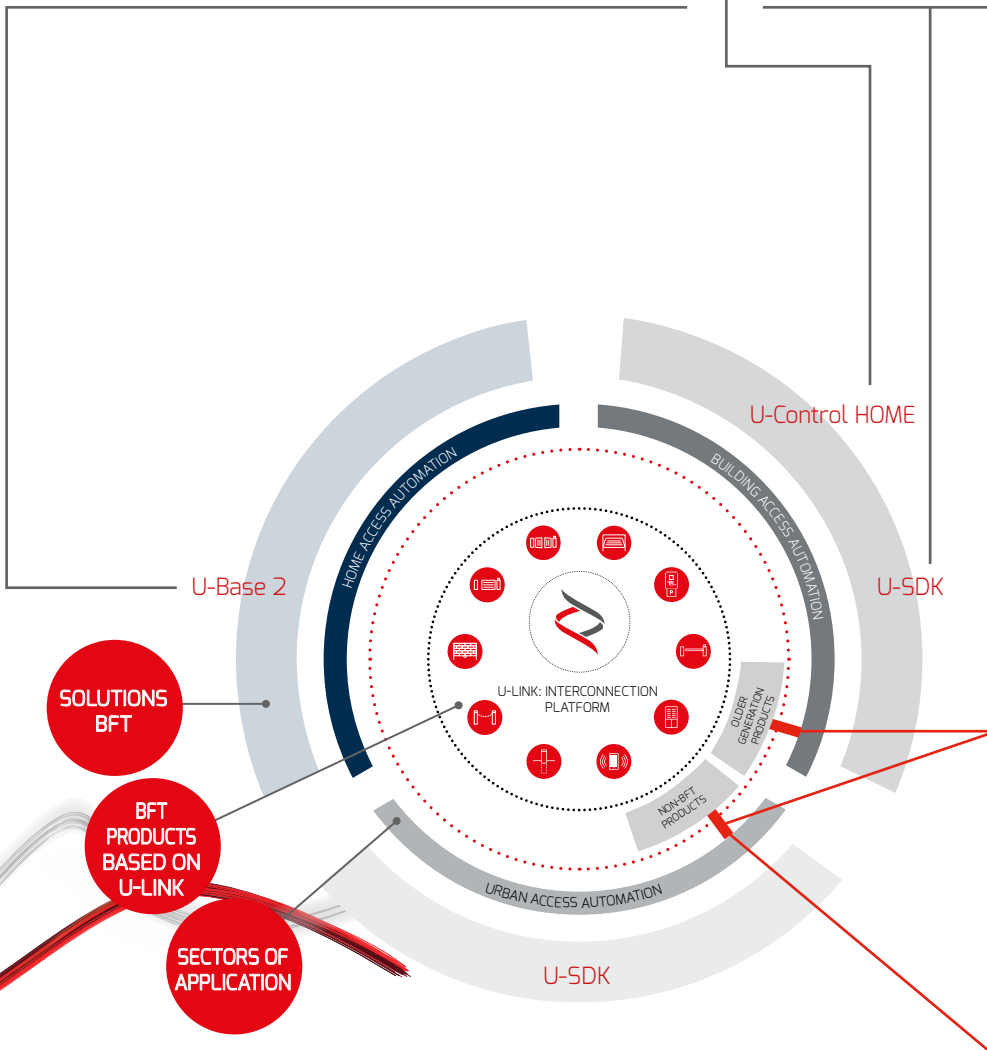
Is it possible to connect non-native U-Link BFT operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.



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.





INFORMATION REGARDING THE PROTECTION OF THE INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHTS OF BFT. BFT S.p.A. protects its industrial property by depositing trademarks, patents, models and designs. The intellectual property of BFT S.p.A. is protected by copyright law. BFT S.p.A. also protects its know-how by taking measures to protect the technical and commercial information inherent in its company and products. All the products in this catalogue are ORIGINAL BFT MODELS and only BFT S.p.A. is authorised to produce them and market them anywhere in the world. All the commercial names in this catalogue are owned by BFT S.p.A., and only BFT S.p.A. is authorised to use them in relation to the corresponding merchandise category. FALSIFIERS WILL BE PROCEEDED AGAINST IN ACCORDANCE WITH BOTH CIVIL AND CRIMINAL LAW. THESE CONDITIONS NOT ONLY GUARANTEE THE INTELLECTUAL PROPERTY RIGHTS OF BFT, BUT ALSO PROTECT CUSTOMERS BY GUARANTEEING THAT THE PRODUCTS THEY ARE PURCHASING ARE ORIGINAL BFT PRODUCTS RESULTING FROM STUDIES AND DESIGNS WITHIN THE BFT COMPANY.