

The BFT logo consists of the letters 'BFT' in a bold, white, sans-serif font, centered within a red rounded square.

Be ahead

The logo for Building Access Automation features a red line-art icon of a building with a ramp. Below the icon, the word 'BUILDING' is written in a large, white, sans-serif font, and 'ACCESS AUTOMATION' is written in a smaller, white, sans-serif font below it.

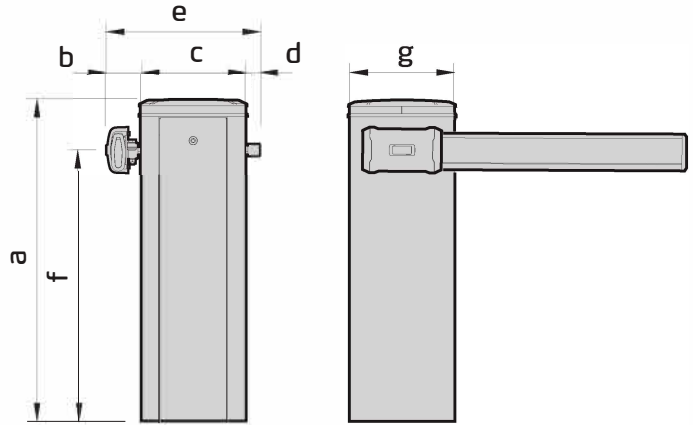
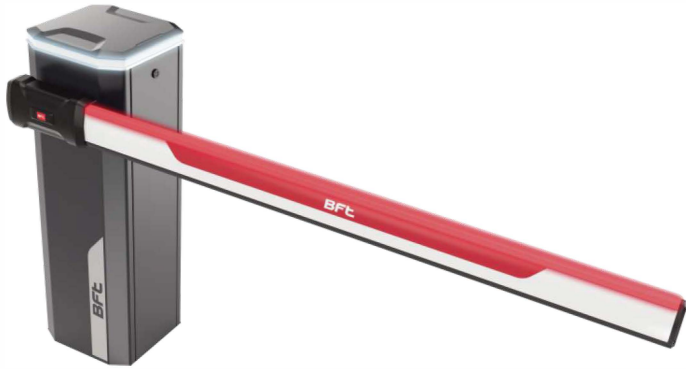
MAXIMA ULTRA 36



MAXIMA ULTRA 36



Automatic barriers - road barriers



a	b	c	d	e	f	g
1030	110	338	45	493	870	338

Professional electromechanical barrier with inverter technology and three-phase asynchronous motor for high frequency of use, developed and designed for a wide range of operating conditions such as large car parks or motorway toll booths with frequent inversions of movement. Can control access points from 2 to 6 metres wide with fully accessorised barrier. Oil bath gearbox unit. Mechanical crankshaft movement which can deliver fluidity of movement of the bar and control its soft opening and closing movements.

Cap with RGB lights (optional) with traffic light function, available parking spaces and self-diagnostics.

Easier access thanks to the dual entrance.

With U-Link protocol for integration with Parking Management or Building Management systems in a single model.



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Code	Name		Description
P940093 00011	MAXIMA ULTRA 36 120V EX4		Electromechanical barrier 120 V with automatic opening in the event of a power cut, without using an additional UPS unit. Used for controlling from 2.5 to 3 m entrances. Opening time from 0.8 to 1.2 s with deceleration. Suitable for installation in public spaces (e.g. hospitals, car parks, schools) and other sites subject to security regulations. Version with spring. Colour RAL 7015. U-Link embedded. Reversible oil bath gearbox unit and asynchronous three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft. Automatic opening in the event of a power cut.
P940093 00012	MAXIMA ULTRA 36 230V EX4		Electromechanical barrier 230 V with automatic opening in the event of a power cut, without using an additional UPS unit. Used for controlling from 2.5 to 3 m entrances. Opening time from 0.8 to 1.2 s with deceleration. Suitable for installation in public spaces (e.g. hospitals, car parks, schools) and other sites subject to security regulations. Version with spring. Colour RAL 7015. U-Link embedded. Reversible oil bath gearbox unit and asynchronous three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft. Automatic opening in the event of a power cut.
P940094 00011	MAXIMA ULTRA 36 XL 120V EX4		Electromechanical barrier 120 V with automatic opening in the event of a power cut, without using an additional UPS unit. Used for controlling from 3 to 4 m entrances. Opening time from 0.8 to 1.2 s with deceleration. Suitable for installation in public spaces (e.g. hospitals, car parks, schools) and other sites subject to security regulations. Version with spring. Colour RAL 7015. U-Link embedded. Reversible oil bath gearbox unit and asynchronous three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft. Automatic opening in the event of a power cut.
P940094 00012	MAXIMA ULTRA 36 XL 230V EX4		Electromechanical barrier 230 V with automatic opening in the event of a power cut, without using an additional UPS unit. Used for controlling from 3 to 4 m entrances. Opening time from 0.8 to 1.2 s with deceleration. Suitable for installation in public spaces (e.g. hospitals, car parks, schools) and other sites subject to security regulations. Version with spring. Colour RAL 7015. U-Link embedded. Reversible oil bath gearbox unit and asynchronous three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft. Automatic opening in the event of a power cut.
P940093 00002	MAXIMA ULTRA 36 230V		230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Colour RAL 7015. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940093 00202	MAXIMA ULTRA 36 INOX 230V		230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Stainless steel barrier body. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940093 00102	MAXIMA ULTRA 36 230V RAL		230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Special RAL colour. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940094 00002	MAXIMA ULTRA 36 XL 230V		230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Colour RAL 7015. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.



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Code	Name	Description
P940094 00202	MAXIMA ULTRA 36 XL INOX 230V	230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Stainless steel barrier body. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940094 00102	MAXIMA ULTRA 36 XL RAL 230V	230 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Special RAL colour. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940093 00001	MAXIMA ULTRA 36 120V	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Colour RAL 7015. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940093 00201	MAXIMA ULTRA 36 120V INOX	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Stainless steel barrier body. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940093 00101	MAXIMA ULTRA 36 120V RAL	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with spring. Special RAL colour. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940094 00001	MAXIMA ULTRA 36 XL 120V	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Colour RAL 7015. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940094 00201	MAXIMA ULTRA 36 XL INOX 120V	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Stainless steel barrier body. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.
P940094 00101	MAXIMA ULTRA 36 XL RAL 120V	120 V electromechanical barrier with three-phase asynchronous motor and inverter, for controlling gates from 2 to 6 m wide. Opening time between 0.7 and 4 seconds, with slowdown. Maximum barrier length 6 m. Suitable for installation in areas with high frequency of movement and frequent inversion of barrier movement (e.g. motorway toll booths, car parks with high traffic flows, etc.). Version with strong spring. Special RAL colour. U-Link embedded. Oil bath gearbox unit and three-phase motor with inverter. Cap with lights (optional). Anti-vandalism system mechanical crankshaft.



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CSB XT: 24V single operator control unit for barriers

CSB XT - I271514 70001 - Built-in - (Spare part code, available for order through the Technical Support network)



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

	MAXIMA ULTRA 36 120V EX4	MAXIMA ULTRA 36 230V EX4	MAXIMA ULTRA 36 XL 120V EX4	MAXIMA ULTRA 36 XL 230V EX4
Opening time (depending on the width of the leaf)	from 0.8 to 1.2 s	from 0.8 to 1.2 s	from 0.8 to 1.2 s	from 0.8 to 1.2 s
Control unit	CSB Xtreme	CSB Xtreme	CSB Xtreme	CSB Xtreme
Motor type	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous
Motor power supply	120 V	230 V	120 V	230 V
Gear unit type	Reversible	Reversible	Reversible	Reversible
Internal lubrication	In oil bath	In oil bath	In oil bath	In oil bath
Inverter	Yes	Yes	Yes	Yes
Slowdown	Yes	Yes	Yes	Yes
Impact reaction	encoder	encoder	encoder	encoder
Locking	Mechanical	Mechanical	Mechanical	Mechanical
Release	Inside the structure	Inside the structure	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7000000 Op	7000000 Op	7000000 Op	7000000 Op
Environmental conditions	-40 ÷ 55 °C	-40 ÷ 55 °C	-40 ÷ 55 °C	-40 ÷ 55 °C
Protection rating	IP55	IP55	IP55	IP55

	MAXIMA ULTRA 36 230V	MAXIMA ULTRA 36 INOX 230V	MAXIMA ULTRA 36 230V RAL	MAXIMA ULTRA 36 XL 230V
Opening time (depending on the width of the leaf)	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s
Clear opening	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m
Control unit	CSB-XT	CSB-XT	CSB-XT	CSB-XT
Motor type	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous
Motor power supply	230 V	230 V	230 V	230 V
Gear unit type	Non reversing	Non reversing	Non reversing	Non reversing
Internal lubrication	In oil bath	In oil bath	In oil bath	In oil bath
Inverter	Yes	Yes	Yes	Yes
Slowdown	Yes	Yes	Yes	Yes
Impact reaction	encoder	encoder	encoder	encoder
Locking	Mechanical	Mechanical	Mechanical	Mechanical
Release	Inside the structure	Inside the structure	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7000000 Op	7000000 Op	7000000 Op	7000000 Op
Environmental conditions	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C
Protection rating	IP55	IP55	IP55	IP55



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	MAXIMA ULTRA 36 XL INOX 230V	MAXIMA ULTRA 36 XL RAL 230V	MAXIMA ULTRA 36 120V	MAXIMA ULTRA 36 120V INOX
Opening time (depending on the width of the leaf)	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s
Clear opening	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m
Control unit	CSB-XT	CSB-XT	CSB-XT	CSB-XT
Motor type	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous
Motor power supply	230 V	230 V	120 V	120 V
Gear unit type	Non reversing	Non reversing	Non reversing	Non reversing
Internal lubrication	In oil bath	In oil bath	In oil bath	In oil bath
Inverter	Yes	Yes	Yes	Yes
Slowdown	Yes	Yes	Yes	Yes
Impact reaction	encoder	encoder	encoder	encoder
Locking	Mechanical	Mechanical	Mechanical	Mechanical
Release	Inside the structure	Inside the structure	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7000000 Op	7000000 Op	7000000 Op	7000000 Op
Environmental conditions	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C
Protection rating	IP55	IP55	IP55	IP55

	MAXIMA ULTRA 36 120V RAL	MAXIMA ULTRA 36 XL 120V	MAXIMA ULTRA 36 XL INOX 120V	MAXIMA ULTRA 36 XL RAL 120V
Opening time (depending on the width of the leaf)	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s	from 0.7 to 3.9 s
Clear opening	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m	from 2 to 6 m
Control unit	CSB-XT	CSB-XT	CSB-XT	CSB-XT
Motor type	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous	Three-phase asynchronous
Motor power supply	120 V	120 V	120 V	120 V
Gear unit type	Non reversing	Non reversing	Non reversing	Non reversing
Internal lubrication	In oil bath	In oil bath	In oil bath	In oil bath
Inverter	Yes	Yes	Yes	Yes
Slowdown	Yes	Yes	Yes	Yes
Impact reaction	encoder	encoder	encoder	encoder
Locking	Mechanical	Mechanical	Mechanical	Mechanical
Release	Inside the structure	Inside the structure	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7000000 Op	7000000 Op	7000000 Op	7000000 Op
Environmental conditions	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C	-40 ÷ 60 °C
Protection rating	IP55	IP55	IP55	IP55

VITAL ACCESSORIES



P940095 00000 - **Crown MAXIMA U36**

Cap without lights for Maxima Ultra 36.



P940095 00003 - **Crown RGB MAXIMA U36**

Cap with RGB lights for Maxima Ultra 36. Functions: flashing, traffic light, diagnostics.



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VITAL ACCESSORIES

	P940095 00200 - Crown MAXIMA U36 INOX Cap without lights for Maxima Ultra 36 INOX.		P940095 00203 - Crown RGB MAXIMA U36 INOX Cap with RGB lights for Maxima Ultra 36 Stainless Steel. Functions: flashing, traffic light, diagnostics.
	P940095 00103 - Crown RGB MAXIMA U36 RAL Cap with RGB lights for Maxima Ultra 36. Custom RAL. Functions: flashing, traffic light, diagnostics.		P120087 00001 - BOOM PS30 Aluminium bar, opening L = 3 m with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.
	P120087 00002 - BOOM PS40 Aluminium bar, opening L = 4 m with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.		P120087 00003 - BOOM PS50 Aluminium bar, opening L = 5 m with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.
	P120087 00004 - BOOM PS60 Aluminium bar, opening L = 6 m with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.		P120084 00000 - OMEGA PS MAXIMA U36 Single lock for protective finger trapping casing and screws for MAXIMA ULTRA 36. BOOM PS bar excluded.

















RECOMMENDED ACCESSORIES

	P120088 - DIMA PRO36 Foundation template and clamps for installation of Maxima Ultra 36 barriers.		P120094 00000 - OMEGA FRA PS MAXIMA U36 Resettable impact protection connector (manual) for Maxima Ultra 36 barrier. BOOM PS bar excluded.
	P120089 20001 - LIGHT PS/ES 30-IP67 High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 3 metres long. Power supply unit excluded.		P120089 20002 - LIGHT PS/ES 40-IP67 High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 4 metres long. Power supply unit excluded.
	P120089 20003 - LIGHT PS/ES 50-IP67 High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 5 metres long. Power supply unit excluded.		P120089 20004 - LIGHT PS/ES 60-IP67 High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES bar up to 6 metres long. Power supply unit excluded.
	P120075 - ALLU 2 MAXIMA ULTRA Power supply for ATM LIGHT Kit on Maxima Ultra		P120091 - HYPHEN PS Internal reinforcement/joint for BOOM PS booms. Already included in the Maxima Ultra 36 XL barriers but recommended for barriers L >= 5 m with or without accessories.
	P120108 - HYPHEN PS PRO Internal reinforcement for BOOM PS booms L=175 cm. Increases the rigidity of the bar. Recommended for use in particularly windy areas.		P120085 - BTM-SKIRT Lower skirt for BOOM PS booms. Module length L = 2 m.
	P120086 - FULL-SKIRT Full skirt (top and bottom) for BOOM PS booms. Module length L = 2 m. Does not include SKIRT BRACKET required for anchoring the first module to the barrier body.		P120095 - BRACKET SKIRT Connection bracket between barrier body and simple (BTM SKIRT) or double (FULL SKIRT) aluminium rack.
	P120093 - ADJ-FOOT Suspended cushioned telescopic supporting foot for BOOM PS booms.		new P120092 - KIT ART90 PS Kit for 90° articulated bar. Excludes bar, bar connector, LIGHT PS lighting. Compatible with BOOM PS booms.



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RECOMMENDED ACCESSORIES

 new P120092 00001 - ART90 BOOM PS30 Boom bar PS 90° articulated L = 5 m pre-fitted. Excludes LIGHT PS lighting.	 new P120092 00003 - ART90 BOOM PS50 Boom bar PS 90° articulated L = 5 m pre-fitted. Excludes LIGHT PS lighting.
 P120080 - FAF UNI R Universal adjustable fork for all rods; recommended with installation of FULL SKIRT accessory.	 P120079 - EBB KIT ATML Electric lock for ATML rods to be installed on an FAF UNI R adjustable fork.
 P120113 - PS JOINT Joint for BOOM PS booms.	 D110926 00001 - SPIRA 2X1 Magnetic loop 2 x 1 m
 P111001 00003 - RME 2 230 V dual channel metal object detector with installation base	 394075 - LASER DETECTOR REMOTE CONTROL Remote control for settings Safety laser detector and Presence and Safety laser detector.
 P111786 - LOOP DETECTOR PRO 230V Metal object detector, 2 channels, 230VAC, up to 4 frequencies per channel for installation of adjacent coils, adjustable sensitivity level, boost function for increasing sensitivity, direction of travel management	 394073 - LASER SAFATEY DETECTOR Safety laser detector. Its used in combination with magnetic loops in order to add an additional safety device (eg: for pedestrian). Includes two relay outputs. Maximum detection range: 5m x 5m.10-35VDC power supply.
 P111274 - RME 1 BT 24 V single channel metal object detector with installation base	 394080 - PRESENCE AND SAFETY DETECTOR - LASER LOOPS Presence and Safety laser detector. Its used as an alternative of magnetic loops. Includes one input and two relay outputs. Maximum detection range: 9.9m x 9.9m.10-35VDC power supply.
 394160 - PALO ø60 H3600 Galvanized steel pole support for panels and traffic lights. Diam. 60mm - h 3600mm	 392580 - TCP/IP TCP/IP interface module with base version webserver. Only compatible with NIGHT&DAY Xtreme barriers, and CDS-K control unit for bollards.
 P120032 - SRV DIN Standard DIN rail for interfacing barrier with parking system, configured and prewired with thermal magnetic switch, additional supply terminals, socket for metal mass detector and standard input/output terminal block	 392585 - RS485 Serial module interface RS485. Only compatible with NIGHT&DAY Xtreme barriers, and CDS-K control unit for bollards.