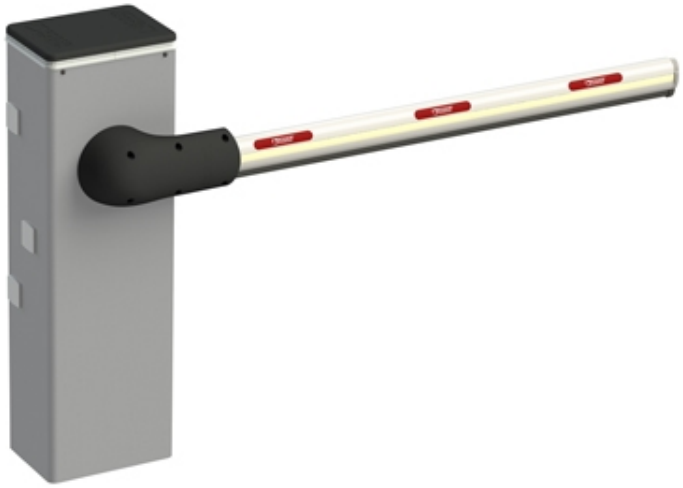
Brushless

Intensive use

Digital Encoder

PRODUCT TECHNICAL DATASHEET
BI/008

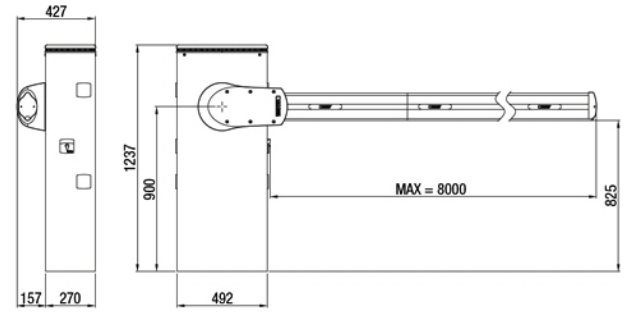


CODE	DESCRIPTION	PCS/PALLET
BI/008	Automatic Barrier BRUSHLESS 36V DC super intensive use up to 8 meters, with operator and and built in digital control panel and absolute encoder on board.	4

PRODUCT TECHNICAL SPECIFICATIONS	
Barriers	Up to 8 mt long
Power line supply	230V AC - 50Hz
Motor power supply	36V DC
Electrical absorption	max 18A
Power rating	300W
Frequency of use	Super intensive use
Torque	10 - 400 N m
Operating temperature	- 20 + 55 C°
Protection level	IP54
Reductor Type	Irreversible
Opening time at 90°	9 ÷ 29 (sec)
Onboard control unit	CTRL Digital Controller 36V DC
Encoder	Digital native encoder + magnetic digital SENSORED, 4096 PPR
Accessories power supply	24V DC
Release system	European Key cylinder
Batteries recovery	Available (optional)
BUS synchronization Master/Slave	Yes
Operating cycles per day (opening/closing - 24 hours no stop)	2500 cycles
Maximum dimension product in mm (L x W x H)	500 x 270 x 1237

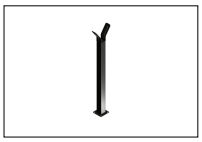
Product weight packed (Kg)	95
Number items per pallet	4

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION

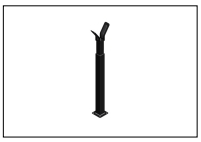


DIMENSIONS

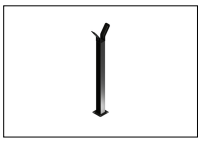
PRODUCT ACCESSORIES



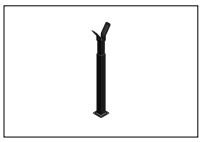
BAFS/01
Fixed support for bars.



BAFS/02
Fixing support, adjustable.



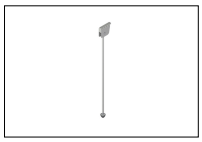
BAFS/03
Fixing support with bolt predisposition for bars.



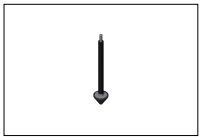
BAFS/04
Fixing support adjustable, with bolt predisposition for bars.



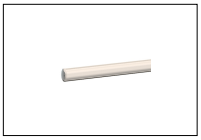
BAFS/05
Adjustable fixed support with vandal-proof magnetic suction cup complete with B72/DGS demagnetizer card.



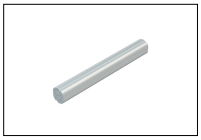
BAMS/01
Mobile support for bars.



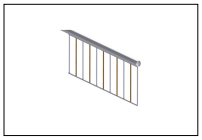
BAMS/01/EXT
Extension 20cm for mobile support BAMS/01.



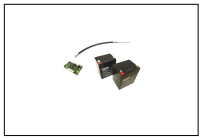
BA/128/4
White painted aluminum rod, 4 meters long, with LED cover profile and impact resisteng rubber profile.



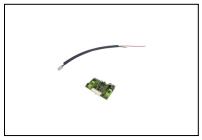
JNT/BA/128
Internal boom bar joint in anodized aluminum including fixing screws for bars BA/128 (mandatory 2 pieces per installation).



BARK/02
Barrier skirting in aluminum, with stainless steel screws mounted on bronze bushings. Single module of length 2 meters.



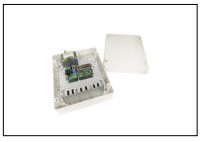
BI/BAT/KIT
Kit for emergency batteries charger for brushless digital controller CTRL 36V DC with plug-in card, with 2 recovery batteries 12V DC, 4.5 Ah. Kit for BIONIK barrier.



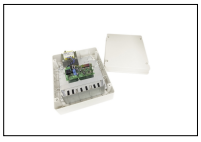
BI/BCHP
Plug-in card, batteries charger, for brushless digital controller CTRL 36V DC, without recovery batteries, for BIONIK barrier.



BT12V45
Battery 12V 4.5 Ah.



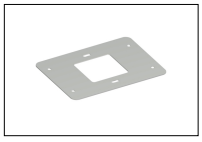
B71/PBX36/BOX
Battery chargers with solar panels for powering Brushless digital controllers at 36V DC in network mode.



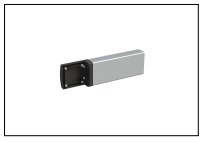
B71/PBX36/BOX/115
Battery chargers with solar panels for powering Brushless digital controllers at 36V DC in network mode.



B71/PBX/BOX
Battery chargers with solar panels for powering Brushless digital controllers in FULL SOLAR mode.



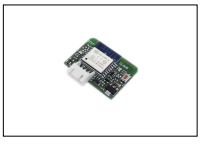
KT244
Fixing plate with stay bolts and screws for BI/008.



CRA/BAR
Post for photocells G90/F2ES - G90/F4ES - for spaced installation on a barrier cabinet (+23cm).



B73/EXP
Signal status board, 2 output for CTRL - CTRL/P



B74/BCONNECT
Module WI-FI B-CONNECT - Management and programming system in IP and CLOUD web mode, via P2P hot spot WI-FI connection for 36V Brushless ditigal controller (B70/2ML - EDGE1 - CTRL - CTRL/P - B70/1DCHP).



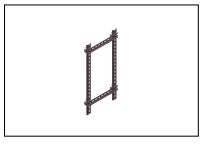
SP/85/AS/02
Assembly 2 spring diameter 85 mm for barriers.



DLD1/24
Loop detector for 1 loop, 2 output, 24V AC/DC.



DLD2/24
Loop detector for 2 loop, 2 output + output alarm, 24V AC/DC.



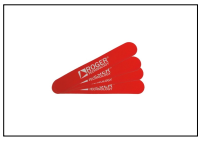
KT239
Kit DIN rail with magnetic support.



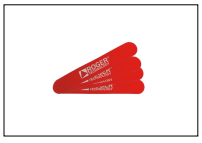
KT242
Cable passage kit with magnetic support for barriers.



ALED/8C
Luminous led cord of 8 meters with connectiom cable for boom arms.



R99/BASB20
Pack of 20 stickers for barrier.



R99/BASB40
Pack of 40 stickers for barrier.