

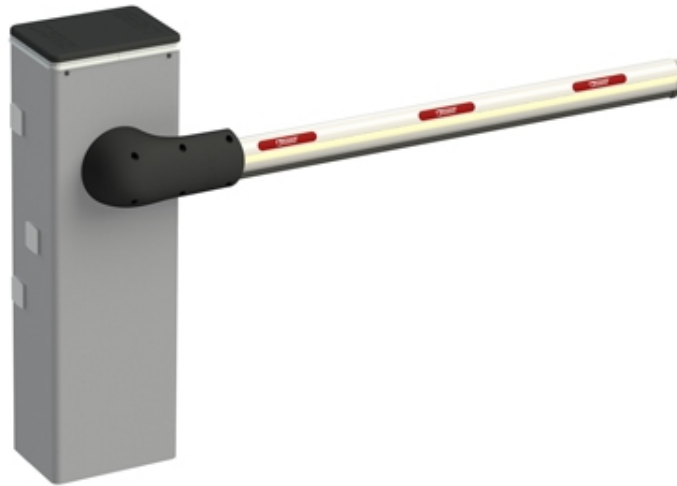
PRODUCT TECHNICAL DATASHEET

BI/004HP/IS

Brushless 

Intensive use 

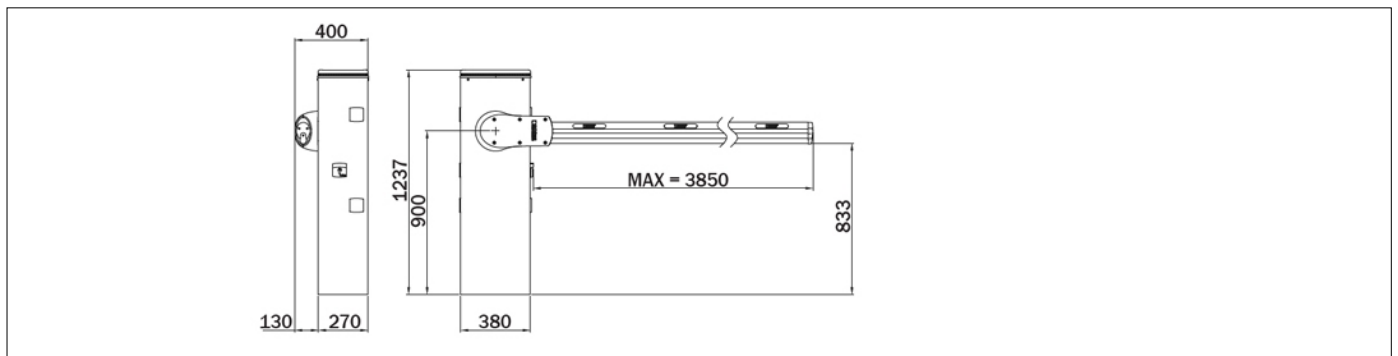
Digital Encoder 



CODE	DESCRIPTION	PCS/PALLET
BI/004HP/IS	Automatic Barrier BRUSHLESS 36V DC super intensive use up to 4 meters, with operator and built-in digital control panel and absolute encoder on board. Version with housing unit made in brushed stainless steel AISI 304.	6

PRODUCT TECHNICAL SPECIFICATIONS	
Barriers	Up to 4 mt long
Power line supply	230V AC - 50Hz
Motor power supply	36V DC
Electrical absorption	max 15A
Power rating	220W
Frequency of use	Super intensive use
Torque	10 - 200 N m
Operating temperature	- 20 + 55 C°
Protection level	IP54
Reductor Type	Irreversible
Opening time at 90°	3 ÷ 6 (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)	5000 cycles
Maximum dimension product in mm (L x W x H)	380 x 270 x 1237
Product weight packed (Kg)	74

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS

PRODUCT ACCESSORIES

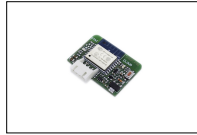
BAFS/01 Fixed support for bars.	BAFS/02 Fixing support, adjustable.	BAFS/03 Fixing support with bolt predisposition for bars.	BAFS/04 Fixing support adjustable, with bolt predisposition for bars.	BAFS/05 Adjustable fixed support with vandal-proof magnetic suction cup complete with B72/DGS demagnetizer card.	BAMS/01 Mobile support for bars.
BAMS/01/EXT Extension 20cm for mobile support BAMS/01.	BA/90/3 White painted aluminum rod, 3 meters long, with LED cover profile and impact resisteng rubber profile.	BA/90/4 White painted aluminum rod, 4 meters long, with LED cover profile and impact resisteng rubber profile.	JNT/BA/90 Internal boom bar joint in anodized aluminum including fixing screws for bars BA/90.	SND/BA/90/DW Articulated joint 90° with lower tie rod for boom arms BA/90.	SND/BA/90/UP Articulated joint 90° with upper tie rod for boom arms BA/90.
BARK/02 Barrier skirting in aluminum, with stainless steel screws mounted on bronze bushings. Single module of length 2 meters.	ACS/BA/60 Break-away system for barrier, compatible only with BA/60/3 boom arm.	ACS/BA/68 Break-away system for barrier, compatible with BA/68/3 and BA/68/4 boom arm.	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	KT230 Fixing plate with stay bolts and screws for BI/001PE - BI/001PC - BI/004HP - BI/006.	KT230/IS Fixing plate, inox AISI 304 version, with stay bolts and screws for BI/001PE - BI/001PC - BI/004HP - BI/006.	KT231 Fixing plate for code BAFS/01, BAFS/02, BAFS/03, BAFS/04, BAFS/05.



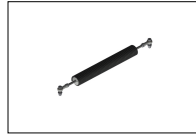
CRA/BAR
Post for photocells G90/F2ES - G90/FAES - for spaced installation on a barrier cabinet (+23cm).



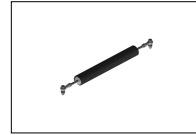
B73/EXP
Signal status board, 2 output for CTRL - CTRL/P



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 digital controller (B70/2ML - EDGE1 - CTRL - CTRL/P - B70/1DCHP).



SP/72/01
Spring diameter 72 mm for barriers.



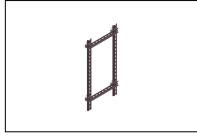
SP/83/01
Spring diameter 83 mm for barriers.



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/6C
Luminous led cord of 6 meters with connection cable for boom arms.



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



R99/BASB20
Pack of 20 stickers for barrier.



R99/BASB40
Pack of 40 stickers for barrier.