

# PRODUCT TECHNICAL DATASHEET

## BI/006

Brushless 

Intensive use 

Digital Encoder 



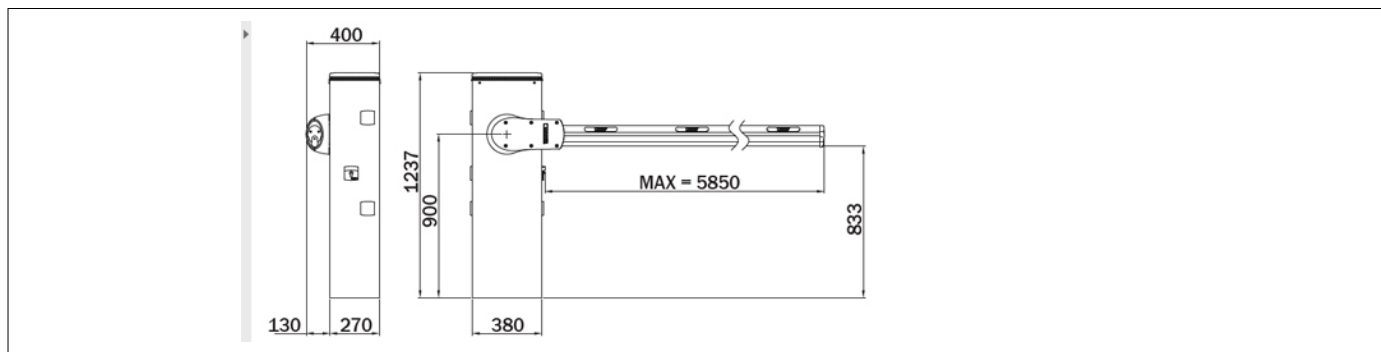
CODE	DESCRIPTION	PCS/PALLET
<b>BI/006</b>	Automatic Barrier BRUSHLESS 36V DC super intensive use up to 6 meters, with operator and built in digital control panel and absolute encoder on board.	6

### PRODUCT TECHNICAL SPECIFICATIONS

Barriers	Up to 6 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 - 300 N m
Operating temperature	- 20 + 55 C°
Protection level	IP54
Reductor Type	Irreversible
Opening time	4 ÷ 8 (sec)
Onboard control unit	CTRL Digital Controller 36V DC
Encoder	Digital native encoder + magnetic digital SENSORED, 4096 PPR
Accessories power supply	24V DC
Colour	Cabinet: painted RAL9006 arabesque grey - Head: black arabesque silver painted - Boom support: black arabesque silver painted - Boom: painted RAL9010 matt
Release system	European Key cylinder
Batteries recovery	Available (optional)

BUS synchronization Master/Slave	Yes
Operating cycles per day (opening/closing - 24 hours no stop)	4000 cycles
Maximum dimension product in mm (L x W x H)	380 x 270 x 1237
Product weight packed (Kg)	75,1
Number items per pallet/box	6

# PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS

## PRODUCT ACCESSORIES

<b>BAFS/01</b> Fixed support for bars.	<b>BAFS/02</b> Fixing support, adjustable.	<b>BAFS/03</b> Fixing support with bolt predisposition for bars.	<b>BAFS/04</b> Fixing support adjustable, with bolt predisposition for bars.	<b>BAFS/05</b> Adjustable fixed support with vandal-proof magnetic suction cup complete with B72/DGS demagnetizer card.	<b>BAMS/01</b> Mobile support for bars.
<b>BAMS/01/EXT</b> Extension 20cm for mobile support BAMS/01.	<b>BA/90/2</b> White painted aluminum rod, 2 meters long, with LED cover profile and impact resisting rubber profile.	<b>BA/91/3</b> White painted aluminum rod, 3 meters long, with LED cover profile and impact resisting rubber profile.	<b>BA/91/4</b> White painted aluminum rod, 4 meters long, with LED cover profile and impact resisting rubber profile.	<b>BA/91/6</b> White painted aluminum rod, 6 meters long, with LED cover profile and impact resisting rubber profile.	<b>JNT/BA/91</b> Internal boom bar joint in anodized aluminum including fixing screws for bars BA/91.
<b>BARK/02</b> Barrier skirting in aluminum, with stainless steel screws mounted on bronze bushings. Single module of length 2 meters.	<b>BI/BAT/KIT</b> 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.	<b>BI/BCHP</b> Plug-in card, batteries charger, for brushless digital controller CTRL 36V DC, without recovery batteries, for BIONIK barrier.	<b>BT12V/45</b> Battery 12V 4.5 Ah (1 pc).	<b>B71/PBX/36/BOX</b> Hybrid inverter, "Network Assisted" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels or mains supply for powering the 36V DC brushless digital controllers with a mains voltage of 230V AC.	<b>B71/PBX/36/BOX/115</b> Hybrid inverter, "Network Assisted" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels or mains supply for powering the 36V DC brushless digital controllers with a mains voltage of 115V AC.
<b>B71/PBX/BOX</b> Hybrid inverter, "Full Solar" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels for powering the brushless digital controllers.	<b>KT230</b> Fixing plate with stay bolts and screws for BI/001PE - BI/001PC - BI/004HP - BI/006.	<b>KT231</b> Fixing plate for code BAFS/01, BAFS/02, BAFS/03, BAFS/04, BAFS/05.	<b>CRA/BAR</b> Post for photocells G90/F2ES - G90/F4ES - for spaced installation on a barrier cabinet (+23cm).	<b>CRA/BAR/M90</b> Post for photocells M90/F2ESO - M90/F4ESO for spaced installation on a barrier cabinet (+23 cm).	<b>B73/EXP</b> Signal status board, 2 output for CTRL - CTRL/P.



**B73/LTM**  
RGB boom light and traffic light control device for CTRL.



**B74/BCONNECT vers. HW2**  
Module Wi-Fi B-CONNECT - Remote management and programming system in IP web browser mode via Wi-Fi hot spot P2P connection for Brushless control units (B70/2ML - EDGE1 - CTRL - B70/1DC - B70/1DCHP - B70/1T - B70/1THP - F70/IPU36).



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



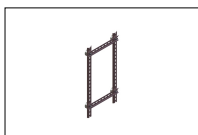
**SP/85/01**  
Spring diameter 85 mm for barriers.



**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/6C**  
6-metre LED strip with connection cable for barrier boom (red colour).



**ALED/6C/RGB**  
6-metre multicoloured RGB LED (red, green + other colours) strip with connection cable for barrier boom.



**BI/BLED/6/RGB**  
Multicoloured RGB LED strip (red, green + other colours) with connection cable for BI/004HP - BI/006 barrier header.



**R99/BASB20**  
Pack of 20 stickers for barrier.



**R99/BASB40**  
Pack of 40 stickers for barrier.