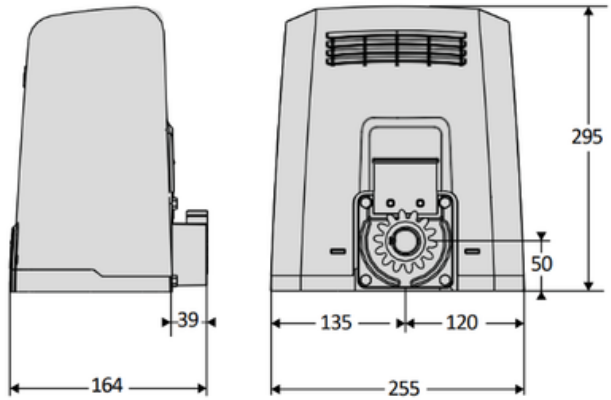
DEIMOS ULTRA BT B

ee link | 24 V | er ready | d-track | U-Link 2.0

Smart, secure and fast sliding gate automation system

- Available in 400kg & 600kg weight capacity.
- Quick and seamless operation: up to 16 m/min.
- Integrated remote management allows up to 128 remotes.
- Enhanced U-Security protocol for motors and controls.
- Compatible with B-EBA Wi-Fi EVO modules enabling app and voice control of motors, bi-directional feedback of motor position & obstacle detection (within the TaHoma by Somfy app).
- Two B-EBA slots: U-link 1.0 & U-link 2.0.
- Removable memory chip.
- Compatible with B-EBA RS485 Serial Cards (sold separately).





MAIN FEATURES

d-track

D-Track Technology: guarantees the maximum safety and optimum performance of the operating equipment (including obstacle detection), regardless of climatic and temperature conditions.

U-Security

U-Security: Enhanced radio protocol that protects against the possibility of remote control hacking and duplication.

Easy installation and programming: Featuring magnetic limit switches plus intuitive display and programming buttons, ensuring reliable operation free from dirt, snow, or ice interference.

connects with Somfy TaHoma

Scalable home automation solution: Allowing users to control, simplify and personalise their gate automation to suit their daily routines and lifestyle, enhancing security and peace of mind. B-EBA Wi-Fi EVO modules sold separately.

DEIMOS ULTRA BT B

PRODUCT FAMILY

BFT Code	MDM Code	Name	KEY PERFORMANCE FEATURES
R925370 00002	2618206	DEIMOS ULTRA BT B400 AUSTRALIA KIT	Gate Weight Capacity - up to 400kg. Gate speed up to 16 m/min. Kit includes: 1x motor (3-pin plug) and 2x C4 Mitto Cool Remotes (Excludes CP Racking).
R925374 00002	2618213	DEIMOS ULTRA BT B600 AUSTRALIA KIT	Gate Weight Capacity - up to 600kg. Gate speed up to 14 m/min. Kit includes: 1x motor (3-pin plug) and 2x C4 Mitto Cool Remotes (Excludes CP Racking).

MERAK BT A: Incorporated control unit for one 24V operator for sliding gates*
For Deimos Ultra BT B400: Ref. I700144 10001 - Part # 2618526
For Deimos Ultra BT B600: Ref. I700143 10001 - Part # 2618525
*Built-in (spare part available for order through the Technical Support Network)



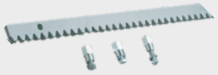
- Application: built-in control unit for one 24V operator for sliding gates
- Card power supply: 24V DC
- Operator power supply: 24V 80W
- Main functions: automatic closing, quick closing, pedestrian passage, people-present operation, maintenance warnings
- Principal features: removable terminal boards with new colour standard, simplified scenario programming with display, integrated dual channel receiver, protection against crushing based on D-Track system, slowdown during opening and closing

FEATURE COMPARISON CHART

	DEIMOS ULTRA BT B400	DEIMOS ULTRA BT B600
Control unit	MERAK BT A400	MERAK BT A600
Control board power supply	24 V DC	24 V DC
Switch mode power supply (SMPS)	230 V	230 V
Motor voltage	24 V DC	24 V DC
Power consumption	80 W	100 W
Max. door/gate weight	400 kg	600 kg
Gate panel speed	16 m/min	14 m/min
Type of limit switch	Magnetic	Magnetic
Slowdown	Yes	Yes
Frequency of use	25 Cycles/hour	25 Cycles/hour
Protection rating	IP44	IP44

DEIMOS ULTRA BT B

RECOMMENDED ACCESSORIES

	BFT CODE: D114093 00003 - MDM CODE: 2607539 - **RADIUS LED BT A R1** Flashing light with incorporated antenna for motors with 24 V power supply.
	BFT CODE: D114168 00003 - MDM CODE: 2607544 - **RADIUS LED BT A R1 W** Flashing light with incorporated antenna for motors with 24 V power supply. White flashing light.
	BFT CODE: P111782 - MDM CODE: 2601411 - **COMPACTA A20-180** Pair of photocells adjustable 180 horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.
	BFT CODE: D221073 - MDM CODE: 2600594 - **CP RACK** Plastic rack, 4-module, cross-section 22 x 22 mm, length 1m, screw-fitted into slots attachment. Max. load capacity 600kg.
	BFT CODE: D571053 - MDM CODE: 9011069 - **CVZ RACK** Steel rack, 4-module, cross-section 30 x 12 mm, length 1 m, screw-fitted on supports attachment. Max load capacity 1000kg.
	BFT CODE: N999320 - MDM CODE: 2611083 - **CVZ-S RACK** Steel rack, 4-module, cross-section 30 x 8 mm, length 1 m, screw-fitted on supports attachment. Max. load capacity 800 kg.
	BFT CODE: D112306 - MDM CODE: 2614118 - **MITTO COOL C2** 2-Channel transmitter. 50/100 m range. 3V power supply with 1 CR2032 type battery. Blue.
	BFT CODE: D112318 - MDM CODE: 2614118 - **MITTO COOL C4** 4-Channel transmitter. 50/100 m range. 3V power supply with 1 CR2032 type battery. Blue.
	BFT CODE: P125035 - MDM CODE: 2600845 - **SL BAT2** Emergency battery kit for Deimos BT B, Ares BT B, Deimos Ultra BT B, Ares Ultra BT B.
	BFT CODE: N999151 - MDM CODE: 2611076 - **SFD** Base plate for DEIMOS series (supplied with operator).
	BFT CODE: P111816 - MDM CODE: 2614967 - **B-EBA Wifi EVO** Wi-Fi connectivity module with built-in antenna, for a range of up to 15 metres. B-EBA Wi-Fi EVO modules enable app and voice control of motors, bi-directional feedback of motor position & obstacle detection (within the TaHoma by Somfy app).
	BFT CODE: P111814 - MDM CODE: 2613419 - **KIT B-EBA Wi-Fi EVO + External Antenna** Wi-Fi connectivity module with built-in antenna, for a range of up to 25 metres. B-EBA Wi-Fi EVO modules enable app and voice control of motors, bi-directional feedback of motor position & obstacle detection (within the TaHoma by Somfy app). Includes 2 metre antenna cable and antenna holder with screw.
	BFT CODE: P111826 - MDM CODE: 2616158 - **REM 2048** 2048-Position memory for control unit, ideal for installations with large numbers of people.
	BFT CODE: P111468 - MDM CODE: 2600811 - **B-EBA RS 485 LINK** Expansion board for connection of central units with serial controls management.

DEIMOS ULTRA BT B

SPARE PARTS LIST

DESCRIPTION	CODE	MDM CODE
SMPS POWER SUPPLY 32V 80W 220WPK 230V V2	I100987 10001	2618512
DEIMOS BT/AC B BOARD SUPPORT	I100988 10001	2618513
DEIMOS BT/AC COVER B	I100989 10001	2618514
DEIMOS BT/AC B REDUCER BODY	I100990 10001	2618515
DEIMOS BT/AC CARD COVER B	I100991 10001	2618516
SMART LIMIT SWITCH CABLE 14 (X5)	I100992 10005	2618517
DEIMOS BT B ULTRA MAGNETIC LIMIT SWITCH KIT	I200001 10001	2600741
MERAK 400 CONTROL BOARD FOR DEIMOS ULTRA 400	I700144 10001	2618526
MERAK 600 CONTROL BOARD FOR DEIMOS ULTRA 600	I700143 10001	2618525

CONSIDERATIONS:

- Not natively compatible with Mitto BRCB Range. Requires Clonix 2E/128 external receiver (2600578) + Q.BO touch panel keypad (2600834). Sold separately.
- Not compatible with low voltage CPEM transformer box (2607530 & 2607531).
- No modification allowed to power supply unit (SMPS).
- An installation with Bt B + Q.BO touch panel requires Clonix 2E kit (2618867). Sold separately.