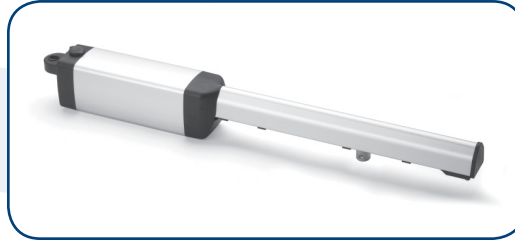


January
2008



NEW PRODUCT INTRODUCTION

Phobos BT N

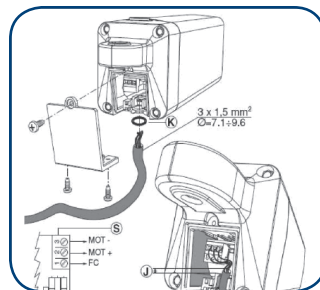
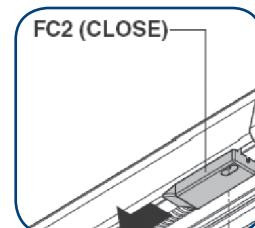
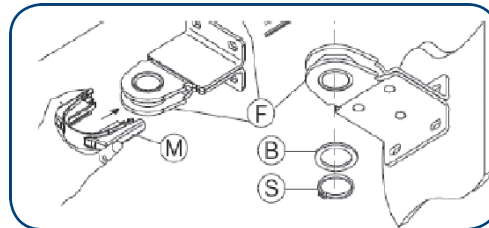


Application

Enhanced model to replace electromechanical Phobos BT for swing gate automation up to 550 Lbs. (250Kg) and 10' (3m) per leaf.

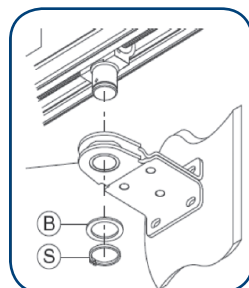
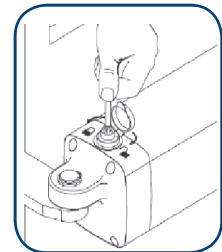
Benefits

- Quiet operator = 50db
- Faster: 14 seconds for 90 degree opening (Phobos BT = 20 seconds)
- Magnetic limit switches – Precise and easy to adjust



- Quick wiring board – Direct connection from operator to control box (no need for junction box)

- Improved manual release for low temperatures



- Worm drive more reliable than telescopic arm
- No need for separate cover
- Improved pin and gate bracket design for ease of installation



Technical Specifications

- Power supply:.....24V
- Motor revolutions:2500 rpm
- Absorbed power:40 W
- Absorbed current:.....1.5 A
- Push and pull force:.....440 lb (200 kg)
- Working stroke:11.6" (295 mm)
- Stem speed:0.79 ips (20 mm/s) approx.
- Impact reaction: Torque limiter in Libra control board
- Limit devices:.....Magnetic, incorporated and adjustable
- Manual manoeuvre:.....CLS release key
- No. of cycles in 24hours: 60
- Maximum leaf length: 6' (1800 mm) – 10' (3000 mm)
- Max. leaf weight: 550 lbs. (250 kg) – 220 lbs. (100 kg)
- Environmental conditions:.....-4 °F (-20 °C) – 122 °F (50 °C)
- Protection level:..... IP X4
- Dimensions: See fig.1
- Controller weight:..... 11lb (5kg)
- Lubrication:.....permanent grease

Optional Battery back-up Kit BT BAT

- Charging voltage:27.2V
- Charging current:.....130mA
- Outside temperature when values were measured:77 °F (25 °C)
- Battery capacity:.....2 x (12V 1.2 Ah)
- Flat battery protection threshold:.....20.4V
- Battery charging time: 12-14 hours

Pricing & Availability

Available in non-UL/CSA version – UL/CSA version available mid-2008

- To be advised

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