

Ditec Luxo

External actuators for swing gates with up to 5 m single gate

Sturdy and highly reliable actuator for heavy duty operation (3000 N thrust for heavy duty applications).

Version with 24 V DC motor with partly open facility, speed adjustment, soft start and soft stop.

Version with dustproof brushes and limit switch as standard.

Wide range to cater for different operating solutions. Easy-to-use, key-operated release system for manual operations.

Easy installation. Modern, smart design.



Product specifications

EN

Mains features

Descrizione	Luxo 3B	Luxo 3BH	Luxo 4BH	Luxo 5B	Luxo 5BH-5VBH
Electromechanical actuator	irreversible and reversible for up to 3.5 m wide wing	irreversible for up to 3.5 m wide wing	irreversible for up to 4 m wide wing	irreversible and reversible for up to 5 m wide wing	irreversible for up to 5 m wide wing
Stroke control	lever-operated mechanical stop (optional)	lever-operated mechanical stop (optional)	lever-operated mechanical stop (optional)	lever-operated mechanical stop (optional)	lever-operated mechanical stop (optional for 5BH)
Maximum capacity	350 kg x 2.5 m 250 kg x 3.5 m	300 kg x 2.5 m 200 kg x 3.5 m	350 kg x 2.5 m 200 kg x 4 m	500 kg x 3 m 250 kg x 5 m	500 kg x 3 m 250 kg x 5 m
Service index	4 - intensive	4 - intensive	4 - intensive	4 - intensive	4 - intensive
Intermittent operation	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%	S2 = 20 min S3 = 50%
Power absorption	230 V AC / 50 Hz	24 V DC	24 V DC	230 V AC / 50 Hz	24 V DC
Input	1.1 A	4 A	4 A	1.1 A	12 A
Thrust	3000 N	2000 N	2000 N	3000 N	3000 N
Opening time	22 s/90°	22 s/90° (E2HLX) 20-30 s/90° (VIVA H)	22 s/90°	32 s/90°	20-45 s/90°
Max travel	350 mm	350 mm	500 mm	500 mm	500 mm
Actuator maximum opening	110°	110°	120°	120°	120°
Release system for manual opening	key-operated	key-operated	key-operated	key-operated	key-operated
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled)	-20°C / +55°C [-35°C / +55°C with NIO enabled)	-20°C / +55°C [-35°C / +55°C with NIO enabled)	-20°C / +55°C [-35°C / +55°C with NIO enabled)	-20°C / +55°C [-35°C / +55°C with NIO enabled)
Protection level	IP 24D	IP 24D	IP 24D	IP 24D	IP 24D
Product dimensions (mm)	100x120x890	100x120x890	100x120x1040	100x120x1040	100x120x1040

Main system functions

Description	Luxo B3B - 4BH	Luxo 3B - 5B	Luxo 3B - 5B	Luxo 3BH - 4BH Luxo 5BH - 5VBH
Control panel	ref. E2HLX for 1 or 2 24 V DC motors with built-in radio	ref. E2 for 1 or 2 230 V AC motors with built-in radio	ref. LOGIC M for 1 or 2 230 V AC motors	ref. VIVA H for 1 or 2 24 V DC motors
Mains power supply	230 V AC / 50-60 Hz	230 V AC / 50 Hz	230 V AC / 50 Hz	230 V AC / 50-60 Hz
Batteries	■ (optional)			■ (optional)
Numero motori	1 or 2	1 or 2	1 or 2	1 or 2
Number of motors	24 V DC / 2 x 4.5 A	230 V AC / 1 x 5 A 230 V AC / 2 x 2.5 A	230 V AC / 1 x 5 A 230 V AC / 2 x 2.5 A	24 V DC / 2 x 12 A
Motor power supply	24 V DC / 0.5 A	24 V DC / 0.5 A	24 V DC / 0.5 A	24 V DC / 0.5 A
Accessories power supply	24 V DC / 1.2 A	12 V DC / 15 W	24 V DC / 1.2 A	24 V DC / 1.2 A
Electrically operated lock	24 V DC	230 V AC	230 V and 24 V DC	24 V DC
Gate open warning light	analogue	from limit switch and analogue	from limit switch and analogue	analogue
Courtesy light		■ (with 1 motor only)	■ (with 1 motor only)	24 V
Limit switch provision	■	■	■	■
Encoder	virtual encoder			virtual encoder
Force adjustment control	display	electronic	transformer	automatic
ODS - Obstruction detection system	■	■	■	■
Speed adjustment	display			■
Braking / slowdown control	display			■
Operation time adjustment	display	■	■	■
Open control	■	(with dip-switch)	■	■
Partly open control	■	■ (with radio only)	■	■
Close control	■	■	■	■
Automatic timed close control	■	■	■	■
Inching control	■	■	■	■
Hold-to-run control	■	■	■	■
Stop safety device	■	■	■	■
Reverse operation safety device	■	■	■	■
Safety Test Facility	■		■	
NIO - Antifreeze system	■		■	■
Soft start	■			■
Operating temperature	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C (-35°C / +55°C with NIO enabled)
Protection level	IP 55	IP 55	IP 55	IP 55
Product dimensions (mm)	187x261x105	187x261x105	187x261x105	238x357x120