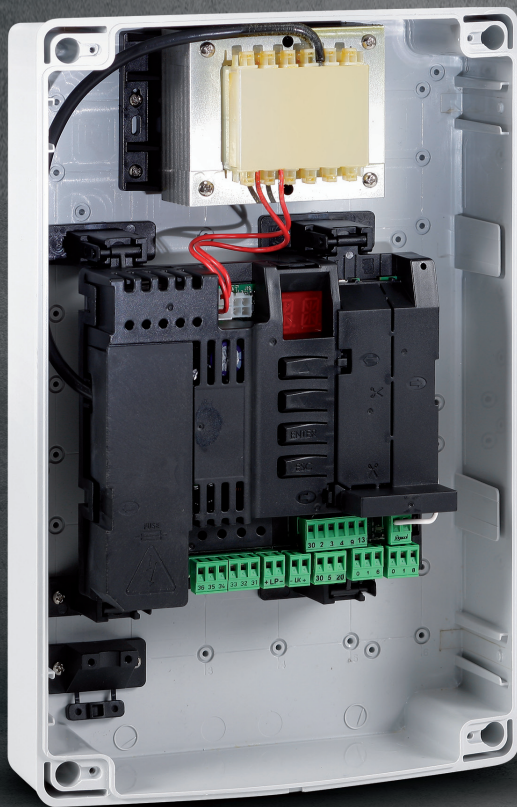# Entrematic LCU

Control panels for 1 or 2 24 V motors for swing gates

Entrematic LCU is the new range of multifunction control panels for one or two 24 Volt DC motors for swing gates.
Available in two versions: **LCU30H for motors up to 6 A and LCU40H for motors up to 12 A**.
Both panels make it easy to use the display to configure position and speed at any time, allowing adjustment for acceleration, deceleration, start time, slowdown distance and approach speed during opening and closing.
The gate can now be opened and closed via Bluetooth with a smartphone app, and access credentials are easily managed (with an optional accessory).
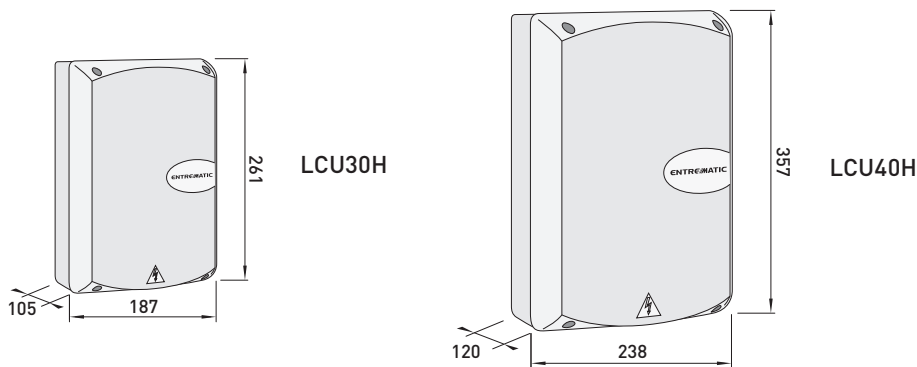

SAFE — 24 **V** VIRTUAL ENCODER

VERSATILE — SETTING

INNOVATIVE — NEW CONCEPT

QUALITY CERTIFIED

Data sheet

EN

LCU30H — dimensions: 261, 187, 105

LCU40H — dimensions: 357, 238, 120

Main functions of the system

Description	LCU30H	LCU40H
Control panel	for 1 or 2 24 Volt DC motors with incorporated radio decoder and 433 MHz receiver module	for 1 or 2 24 Volt DC motors with incorporated radio decoder and 433 MHz receiver module
433 MHz --> 868 MHz interchangeable receiver module	■	■
Mains power supply	230 V - 50/60 Hz	230 V - 50/60 Hz
Batteries	■ (with optional accessory)	■ (with optional accessory)
Motor power supply	24 V DC / 2 x 6 A	24 V DC / 2 x 12 A
Compatible motors	Ditec PWR25H, Ditec PWR35H, Ditec ARCBH, Ditec Facil	Ditec PWR25H, Ditec PWR35H, Ditec PWR50H/HV/HR, Ditec ARCBH/1BH, Ditec Facil, Ditec Cubic, Ditec DOR
Accessories power supply	24 V DC / 0.3 A direct - 0.5 A max.	24 V DC / 0.5 A direct
Electro-mechanical lock	■	■
Flashing light	24 V DC	24 V DC
Gate-open warning light	Shared with electro-mechanical lock or flashing light	■
Limit-switch provision	■	■
Virtual encoder (speed and deceleration control)	■	■
Settings adjustment	from display	from display
Braking / Slowing down	■	■
Soft start / Soft stop	■	■
Time setting	■	■
Open control		■
Partial opening control	■	■
Close control		■
Stop control		■
Inching control	■	■
Hold-to-run control	■	■
Adjustable automatic closing time	■	■
Contact for automatic closing management		■
Emergency stop	■	■
Safe closing (inversion)	■	■
Safety test (for self-testing safety devices)	■	■
NIO - Antifreeze system	■	■
Green mode (standby consumption <1 W)		■
Integrated datalogging (counters and recent alarm history)	■ (can be viewed on display)	■ (can be viewed on display and on PC with SW Amigo)
Extended datalogging with micro SD (in-depth records for every event)		■ (can be viewed on PC with SW Amigo)
FW update through USB/Micro SD		■
Operating temperature	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C (-35°C / +55°C with NIO enabled
Protection rating	IP55	IP55
Product dimensions (mm)	187x261x105	238x357x120

FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS

- **2014/30/EU - EMCD** - Electromagnetic Compatibility Directive
- **2014/53/EU - RED** - Radio Equipment Directive
- **2006/42/EC** - Machines Directive (Annex II-B; Annex II-A; Annex I-Chapter 1)
- **Harmonised EU Standards**: EN ISO 13849-1 and EN ISO 13849-2 (certified by TÜV Rheinland only for LCU40H); EN 60335-1; EN61000-6-3; EN61000-6-2; ETSI EN 300 220-1; ETSI EN 300 220-2; ETSI EN 301 489-1; ETSI EN 301 489-3

ENTREMATIC

CE

TÜVRheinland® CERTIFIED