



ENERGY SAVING



SAFE



VERSATILE

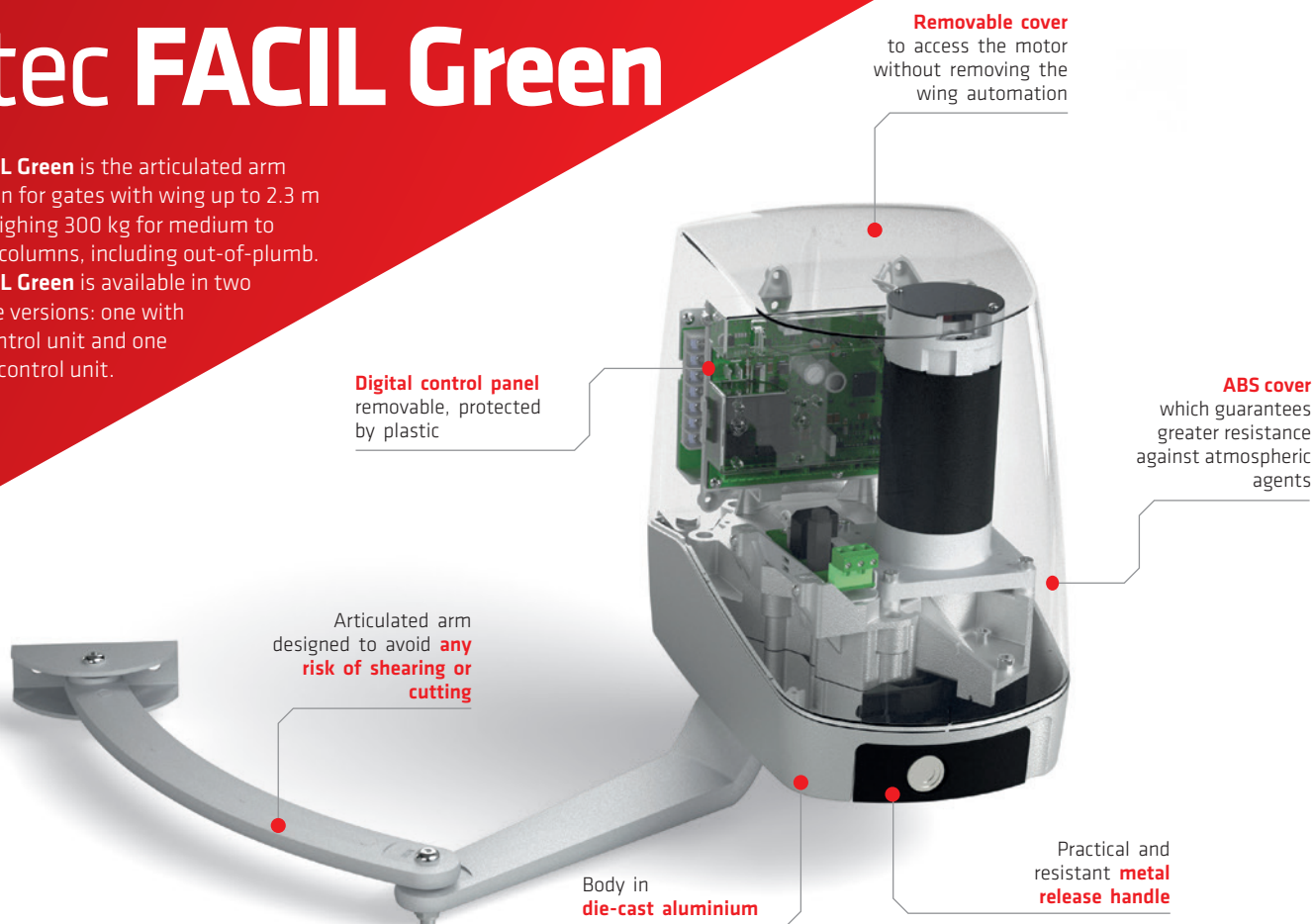
Automation
with arm for
swing gates with
up to 2,3 m wide
wing

Dítec **FACIL** *Green*

Ditec FACIL Green

Ditec FACIL Green is the articulated arm automation for gates with wing up to 2.3 m long or weighing 300 kg for medium to large-size columns, including out-of-plumb.

Ditec FACIL Green is available in two irreversible versions: one with built-in control unit and one without a control unit.



KIT Ditec FACIL Green



24 Vdc MOTOR KIT

Discover the advanced functions available when using Ditec FACIL Green automation systems and control panels together with Ditec safety and control accessories:

- LIN2 photocells
- Ditec ZEN remote controls
- in the complete version of the kit, **24 Vdc Ditec FL24 flashing light**. White, blue, green, yellow and orange signal light

SPECIFIC ACCESSORIES



- ▶ **Energy controllers**
to handle batteries
and the production of solar energy,
complete with assembly brackets



- ▶ **Batteries**
complete with installation BOX
 - 2 x 2 Ah battery + small IP55 box
 - 2 x 6.5 Ah battery + large IP55 box



- ▶ Key-operated handle with 5 m long cord, for remote-operated release system



- ▶ Mechanical stop unit



- ▶ Straight arm

FULL COMPLIANCE WITH EUROPEAN DIRECTIVES AND STANDARDS

- **2014/30/EU - EMCD** - Electromagnetic compatibility directive
- **2014/53/EU - RED** - Radio equipment directive
- **2006/42/CE - Machinery Directive** - (Annex II-B; Annex II-A; Annex I-Chapter 1)

For more information, consult the control panels compliant with the standards and directives (ref. LCU30H and LCU40HG)





ENERGY SAVING

Automation aligned with new European standards in terms of **energy saving and standby consumption**: with an active display Ditec FACIL Green < 0,5 W



SAFE

The 24 Vdc virtual encoder motor ensures constant adjustment of the impact forces and immediate obstacle detection.



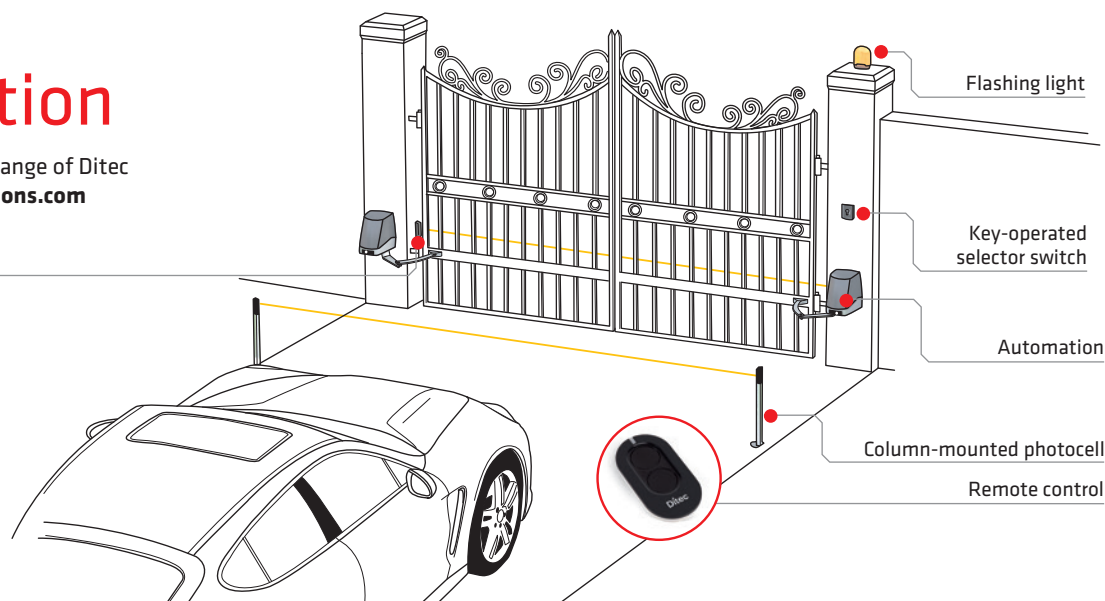
VERSATILE

Manual release system using a key and in an easily accessible frontal position. Set-up for remote release. Version with built-in control panel (FACIL3EHG) or without control panel (FACIL3H).

Example of installation

Find out more about the whole range of Ditec products at www.ditecautomations.com

Wall-mounted photocells



ENERGY EFFICIENCY

The European Regulation 2023/826/EU establishes new eco-compatible design requirements for off mode, stand-by mode, and networked-stand-by energy consumption of electrical and electronic household and office equipment within the scope of Directive 2009/125/EC.

This regulation repealed the previous Regulation 1275/2008/EC and extended the scope to some specific categories of products, including motor-driven building elements, such as gate and door operators.

The new European regulation came into effect as of May 2025.



ENERGY SAVING < 0,5 W*

Ditec is continuously committed to promoting energy saving and carefully evaluating the environmental impact of its products.

The new Ditec FACIL Green consumes less power in standby than regulatory requirements with an active display: the system minimizes power consumption during standby but, thanks to its advanced technology, quickly reactivates as soon as it receives commands via radio or from other accessories, ensuring efficiency without compromising performance.



TECHNICAL SPECIFICATIONS

DESCRIPTION	FACIL 3EHG	FACIL 3H
Electromechanical actuator	irreversible for wing up to 2.3 m	irreversible for wing up to 2.3 m
Stroke control	rotary limit switch (optional)	rotary limit switch (optional)
Maximum capacity	200 kg x 2.3 m 300 kg x 1 m	200 kg x 2.3 m 300 kg x 1 m
Service index	3 - frequent	3 - frequent
Intermittent operation	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%
Power supply	24 Vdc	24 Vdc
Power absorption	6 A	6 A
Torque	200 Nm	200 Nm
Opening time	10÷55 s/90°	10÷55 s/90°
Actuator maximum opening	110°	110°
Release system for manual opening	key-operated	key-operated
Operating temperature	-20°C ÷ +55°C (-35°C ÷ +55°C with NIO enabled)	
Protection rating	IP 54	IP 54
Product dimensions (mm)	188x285x332	188x285x332
Control panel	LCU40HG (built-in)	LCU30H - LCU40HG

MAIN FUNCTIONS OF THE SYSTEM

DESCRIPTION	FACIL3EHG - FACIL3H	FACIL3H
Control panel	LCU40HG for 1 or 2 24 Vdc motors	LCU30H for 1 or 2 24 Vdc motors
Radio module	RCB50E	RCB50E
Radio frequency	433,92 (default) 868,35 Mhz (selectable from jumper)	433,92 (default) 868,35 Mhz (selectable from jumper)
Interchangeable receiver module 433 MHz/868 MHz	■	■
Mains power supply	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Motor power supply	24 Vdc - 2 x 12 A	24 Vdc - 2 x 6 A
Accessories power supply	24 Vdc - 0.5 A	24 Vdc - 0.3 A (0.5 A peak)
Stroke control	virtual encoder	virtual encoder
Limit switch provision	■	■
Standby consumption according to European regulation 2023/826/EU	<1 W on standby	
Open control	■	shared with inching control, selected via display
Partial opening control	■	■
Close control	■	shared with emergency stop, which can be selected from the display
Stop command	■	■ via radio or shared with partial opening control, which can be selected from the display
Step-by-step control	■	■
Hold-to-run control	■	■ selectable from the display
Automatic closing contact management	■	shared with partial opening control, selected from the display
Flashing light	24 Vdc	24 Vdc
Electromechanical locking device	12 Vdc/15 W	12 Vdc/15 W
Gate open warning light (ON/OFF)	■	■ shared with electromechanical locking device or flashing light
Gate-open warning light with proportional flashing	■	■ shared with electromechanical locking device or flashing light
Courtesy light	■ shared with electromechanical locking device or flashing light	■ shared with electromechanical locking device or flashing light
Configuration of programmable functions	display and navigation keys	display and navigation keys
Force adjustment	electronic	electronic
Speed	adjustable	adjustable
Acceleration/deceleration ramp (Soft Start / Soft Stop)	adjustable	adjustable
Braking/deceleration	adjustable	adjustable
End stop approach distance	adjustable	adjustable
Operation time	adjustable	adjustable
Automatic closing time	adjustable	adjustable
Integrated datalogging (counters and recent alarm log)	■ can be viewed on the display and on a PC with Amigo SW	■ Viewable on display
Extended datalogging with micro SD (in-depth records for every event)	■ can be viewed on a PC with Amigo SW	
FW update	■ using Micro SD or using Amigo SW and USBPROG	■ With Amigo and USBPROG software
Safety stop (emergency stop)	■	■
Safe closing (reverse)	■	■
Safety test function (for self-testing safety devices)	■	■
ODS - Obstruction Detection System (stops current movement or reverses movement if an obstacle is detected)	■	■
NIO - Antifreeze system	■	■
Control panel dimensions (mm)	built-in card in FACIL 3EHG 238x357x120 con FACIL 3H	187x261x105
Battery-operated	■ with SBU	■ with SBU
Set-up for control-panel integrated batteries	■	
Stand-alone solar-powered installation	■ with SBU*	
Hybrid solar-powered installation	■ with SBU	
Safety edge with 8.2kN resistance	■ with accessory GOPAV	■ with accessory GOPAV
Magnetic loop detector	■ with LAB9	■ with LAB9