

E045S

Electronic control unit



Model	Item code
E045S	790077



TECHNICAL SPECIFICATIONS

Model	E045S
Power supply voltage	220-240V~ 50/60 Hz
Max. power	4W Stand by W
Motor max power	800W
Max. accessories load	500 mA 24V $\overline{---}$ - 500 mA BUS 2easy
Max. electric lock load	FAAC lock (12V~ - 24V $\overline{---}$)
Programming	LED display and buttons, via Simply Connect connectivity devices
Status signalling	Display and LED
Terminal board inputs	Open, Open pedestrian leaf, Stop (closed), BUS 2easy, Power + Earth
Terminal board outputs	Lamp, Motors, Accessories power supply 24V2 $\overline{---}$, Indicator light 24V $\overline{---}$, Electric lock power supply 12V~
Rapid connector	XF 433/868 module for OmniDEC decoding, USB-A and Simply Connect
Protection Fuses	1 (2.5A)
Operating ambient temperature	-20°C ÷ +55°C

Note: The E045S control unit can control one or two operators

FUNCTIONS (PROGRAMMING THROUGH DISPLAY AND BUTTONS)

Basic programming

Operating logic	Semiautomatic, Automatic, Semi-automatic step-by-step, step-by-step Auto, Auto Security stepper, Semi-automatic B, C Deadman
Pause time	Programmable (from 0 to 9 min 50 sec)
Number of motors	Selectable
Thrust power	Adjustable on 50 levels for each motor independently
Encoder use	Selectable
Leaf delay time in closing	Programmable (from 0 to 1 min 30 sec)
BUS 2-Easy device registration	Selectable
Motor Power	1 and 2 (independently)
Working time learning	Simple self-learning (max 4 min and 10 sec). Self-learning working and deceleration time of two leaves in one complete working cycle only. With SAFECoder absolute encoder, the open/closed/deceleration positions are learned

Advanced programming

Reversing stroke and ram stroke	Selectable (to facilitate the release and the electric lock)
Leaf delay in opening	Selectable
Leaf 1 deceleration	Programmable, percentage of the total stroke (from 0% to 99%)
Leaf 2 deceleration	Programmable, percentage of the total stroke (from 0% to 99%)

Pre-Flashing

Anti-crushing sensitivity	Programmable there is an ENCODER (10 levels)
Mechanical stop angle search	Selectable if the ENCODER is present

Files management through USB-A

Board software Upgrade	Selectable
Board configuration Upload	Selectable
Radio codes list Upload	Selectable
Configuration download from board	Selectable
Radio code download from board	Selectable

Simply Connect

The Simply Connect quick connector allows the use of connectivity devices that permit remote programming and management via web and/or App of all the automations connected to the Simply Connect cloud platform: carry out diagnosis, investigate faults, perform remote maintenance and schedule your work

IMPORTANT: the electronic board E045S, thanks to the new technologies   is only compatible with the XF 433/XF 868 receiver (provided with connector) and with XP 20B D and XP 30B photocells ("BUS" connection). For the connection of the traditional photocells, the XIB BUS interface is provided.