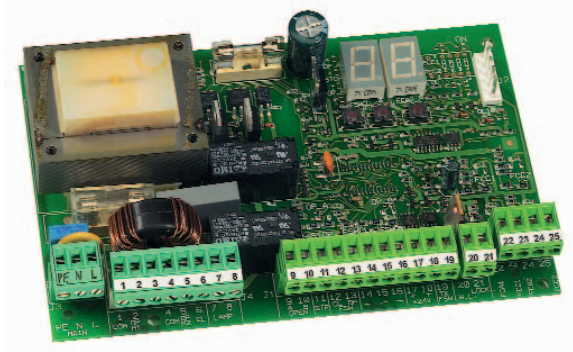


control board 455 D



Model	Use
455 D	For hydraulic and electro-mechanical operators
Accessories	
ENCLOSURES	see pag. 108
GATECODER DECELERATION KIT	see pag. 106

Technical specifications of 455 D

Power supply	230 V
Absorbed power	15 W
Motor max. load	800 W
Accessories max. load	500 mA
Electric lock max. load	15VA/12Vac
Operating ambient temperature	-20°C +55°C
Protection fuses	2 (motors and primary transformer/low voltage and accessories)
Terminal board inputs	Open/Open free leaf/Stop/Opening safety devices/Closing safety devices/Power supply + earth
Terminal board outputs	Flashing lamp/Motors - 24 Vdc accessories power supply/24 Vdc indicator light max 3 W/Fail safe/12 Vac electric lock power supply
Rapid connector	Decoding cards/ RP plug-in receivers
Gate status indication	By display

The 455 D control board can control one or two operators

Functions programming through display and push-buttons

Basic programming

Function logics	Automatic (A-S-AP-SP) Semi-automatic (E-EP/ "step by step") Dead man (B-C)
Pause time	Programmable (from 0 up to 4 min.)
Closing leaf delay	Programmable (from 0 up to 4 min.)
Thrust force	Adjustable: 50 levels per each motor
Working time learning (from 0 up to 120 s)	Simple (self learning of the leavesworking time simultaneously) Complete "manual" self learning of each leaf. End travel deceleration, by time, settable.
Deceleration	By time, by limit-switches, by gatecoder

Advanced programming

Max torque at initial thrust	Programmable (useful for heavy leaves)
Pre-flashing	5 s (programmable)
Opening leaf delay	2 s (can be excluded)
Closing photocells logic	Reverse at disengagement/Immediate reverse
Fail safe (photocells test)	Programmable
Electric lock on leaf 2	Programmable
Cycles countdown	Programmable (countdown settable up to 99 thousand cycles)
Assistance request	Programmable (at the end of countdown it effects 8 s. of pre-flashing at every open)
Warning light/courtesy light	Programmable (warning light output can be customised as courtesy light output-max 4 min.)
Overclosing stroke	Selectable (help the electric lock engage)
Reversing stroke	selectable (help the electric lock release)