

# UNIGATE

*UNIVERSAL  
BOARD FOR  
ALL APPLICATIONS*

## Improvements:

- ▶ Programmable timer on board
- ▶ Two programmable relay outputs
- ▶ START and CLOSE Inputs separate
- ▶ Check control of accessories load
- ▶ Possibility to manage bidirectional encoders
- ▶ N.C. inputs protected by 8K2 resistor monitoring
- ▶ Greater mA capacity for accessories connection through external switching transformer
- ▶ Possibility to manage 2 inverters for double motor or 4 motors without inverter
- ▶ Better management without additional LE board
- ▶ Better resolution of the linear potentiometer reading

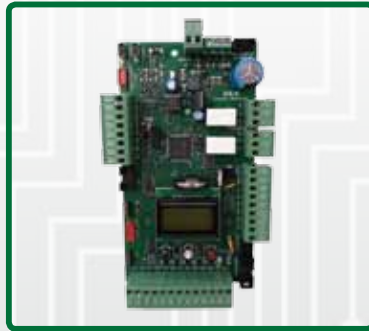
# UNIGATE

## UNILOGIC

### Universal programming module



Display backlight  
2x8 characters  
Readable even if inclined



- ▶ Digital control unit
- ▶ One model from 90V to 265V
- ▶ Built-in battery back-up for timer
- ▶ Two relays programmable
- ▶ Manages linear encoder (Position Gate)
- ▶ Heater management hydraulic motors



### Power Module

#### 2PM

for AC motors  
with capacitors

- ▶ Management up to 4 motors  
with 2 2PM module



#### 24V

for 24V motors

**NEW**  
coming soon

- ▶ Management of one or  
two 24V motors



#### FV MODULE

for 1 or 2 Threephase motors  
230V/120V single phase

 **INVERTER technology**

- ▶ Possibility to change Speed even  
on Hydraulic Pumps



#### BR MODULE

for 1 or 2 Brushless  
motors DC (36V)

 **BRUSHLESS technology**

- ▶ No Brush



Manages bidirectional encoders and linear encoder (Position Gate).  
Standard Improvement on the UNIGATE to manage limit switches.  
--> it's NOT necessary to install the LE board

2 programmable relay outputs (maglock, traffic light, courtesy light...)  
--> it is NOT necessary to install the SUP



2 programmable inputs (GP1 & GP2).  
Settable as OPEN and CLOSE. Functioning independent from START

Programmable timer with battery backup on board



2x8 characters  
Readable even if inclined

Check of accessories load



# UNIGATE BR Pre -Wired

PRE WIRED CONTROL BOARD for 2 (36V) brushless operators in metal box 3R compliant included



 **BRUSHLESS technology**

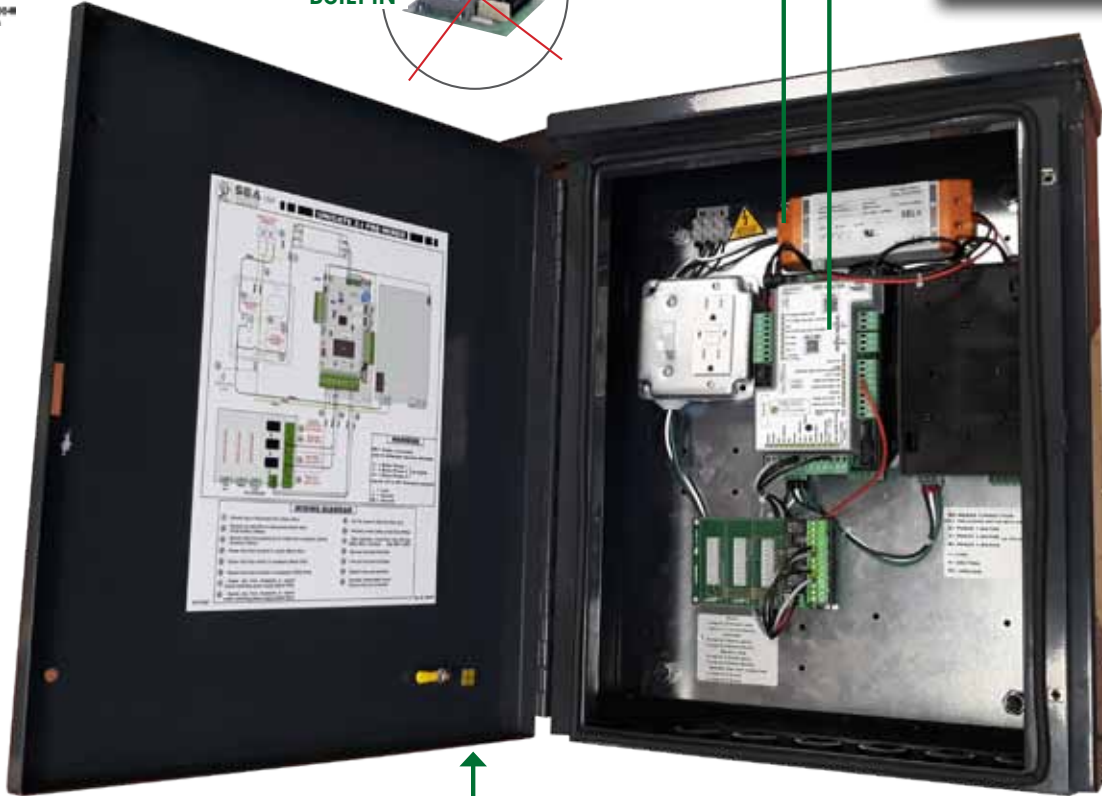
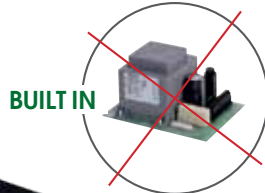
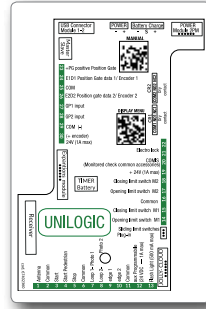
- Possibility to set Ramps of Accelerations/Decelerations
- Keep High Torque in Slow-Down
- Control unit with unic programming module for 110Vac-24Vdc-36Vdc Brushless - Threephase Inverter, ideal for stock optimization and technical assistance.
- Digital control unit with programming module with display Lcd 2x8 characters and backlit



# UNIGATE 2I Pre -Wired

PRE WIRED CONTROL BOARD with 2 inverters for 2 operators metal box 3R compliant included

Power switching 90Vac to 265V - 2Ah  
(1.3 Ah for accessories)  
NO need of external Power Supply



Metal Box 3R compliant

**INVERTER technology**

## Regular board 230Vac with TRIAC

## UNIGATE Inverter

