



UNIGATE - I

INVERTER technology



Ref. Nestor STS120/121/122

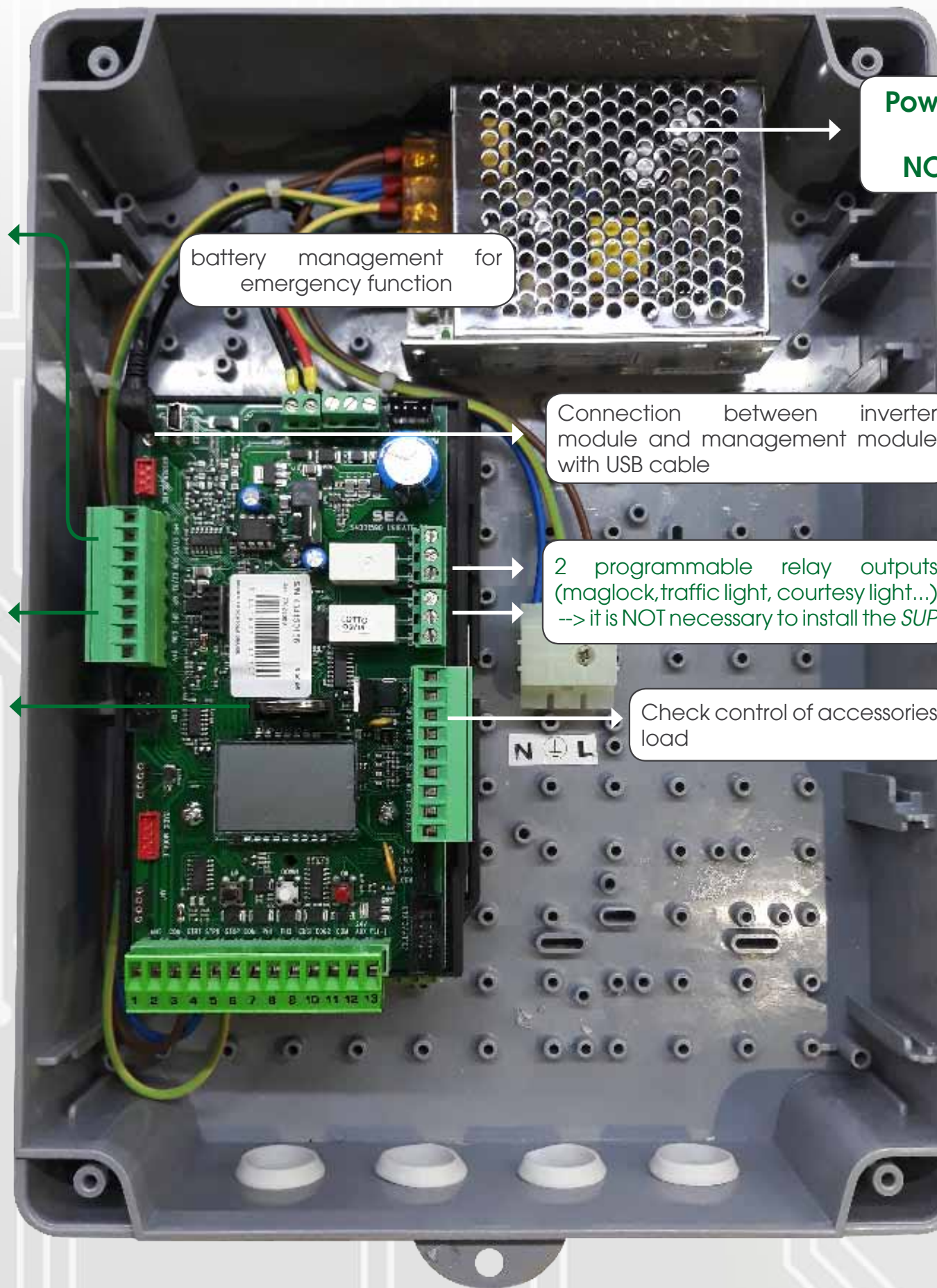
nestor
company

The most complete supplier of
Security - Intercom - Automation - Parking Solutions



UNIGATE - I

INVERTER technology



Manage 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

BUILT IN



2 programmable input (GP1 and GP2)
START and CLOSE Inputs separate
OPEN and CLOSE

Programmable timer with battery
backup on board

BUILT IN



battery management for
emergency function

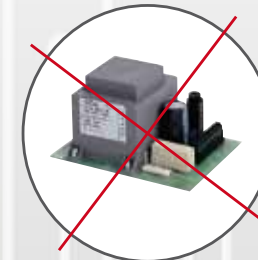
Connection between inverter
module and management module
with USB cable

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

Check control of accessories
load

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

BUILT IN



BUILT IN



Advantages:



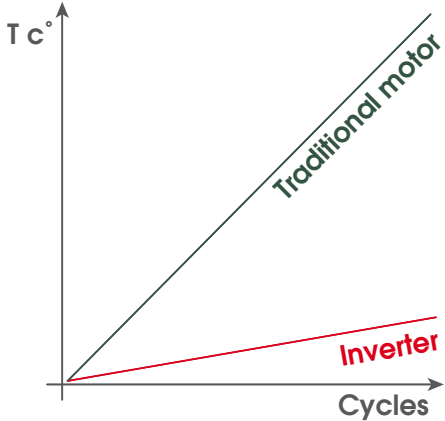
+ Duty cycles

N.C. inputs protected by 8K2 resistor monitoring

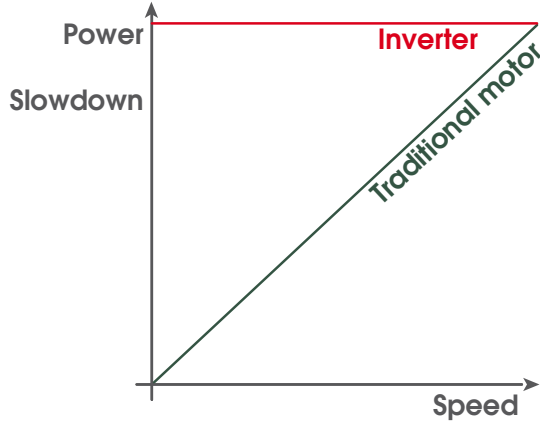
Amperometric management for reverse on obstacle

Possibility to manage 2 inverters for double motor or 4 motors without inverter

Low temperature motor in intensive cycle



No torque loose in slow down



Models:

UNIGATE - I

= UNIGATE with 1 Inverter module

Ref. Nestor STS121

Example of an installation inside a Sliding Motor:



to manage 1 motor



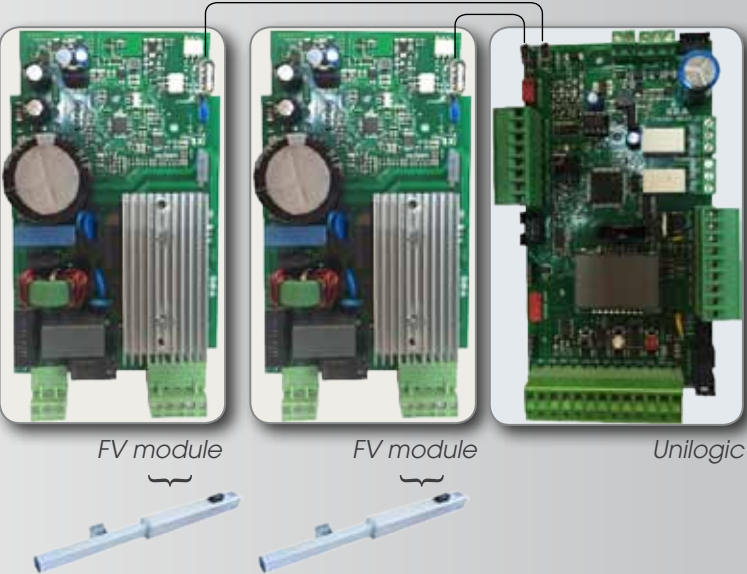
relay for management electric brake on board

UNIGATE 2 - I

= UNIGATE with 2 Inverter modules

Ref. Nestor STS122

to manage 2 motors

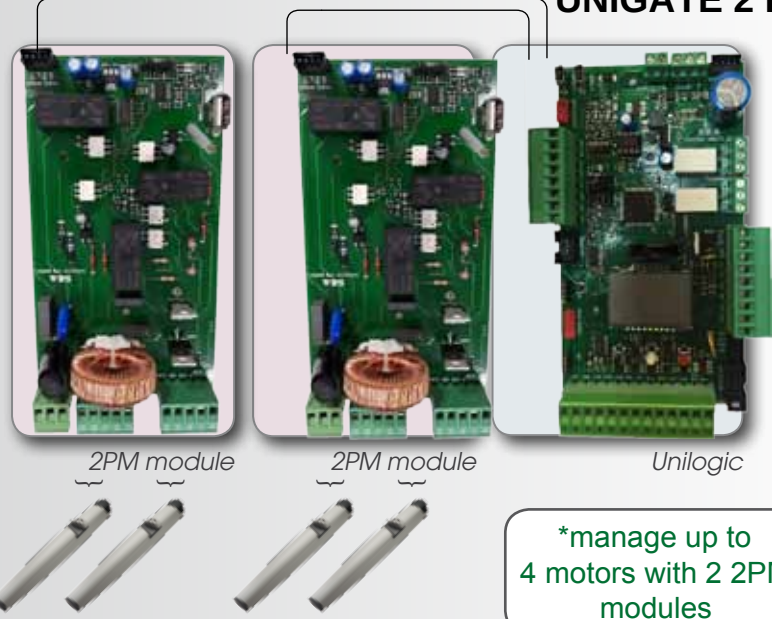


UNIGATE PM

Ref. Nestor STS120



UNIGATE 2 PM



*manage up to 4 motors with 2 2PM modules



UNIGATE - I



Universal digital board for all applications:

Linear Swing Gates Operators



Mini Tank



Half Tank



Full Tank



Kite 500



Surf 250 / 350



Joint Hydro



Ger

In-ground Swing Gates Operators



Field Oil



Jack



Compact



Lyra

Operators for Heavy Duty Gate Applications



Super Full Tank



Super Joint



Super Jack



Super Compact

Gearmotors for Sliding Gates



Boxer



Saturn



Lepus



Lepus Industrial

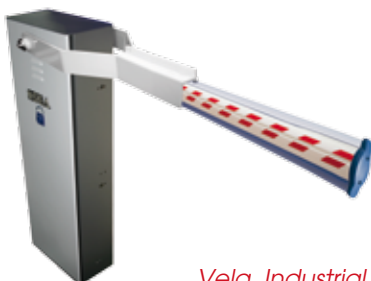


Lepus Box



Big 4000

Barriers



Vela Industrial



Vela Rapid



Sprint

nestor
company