

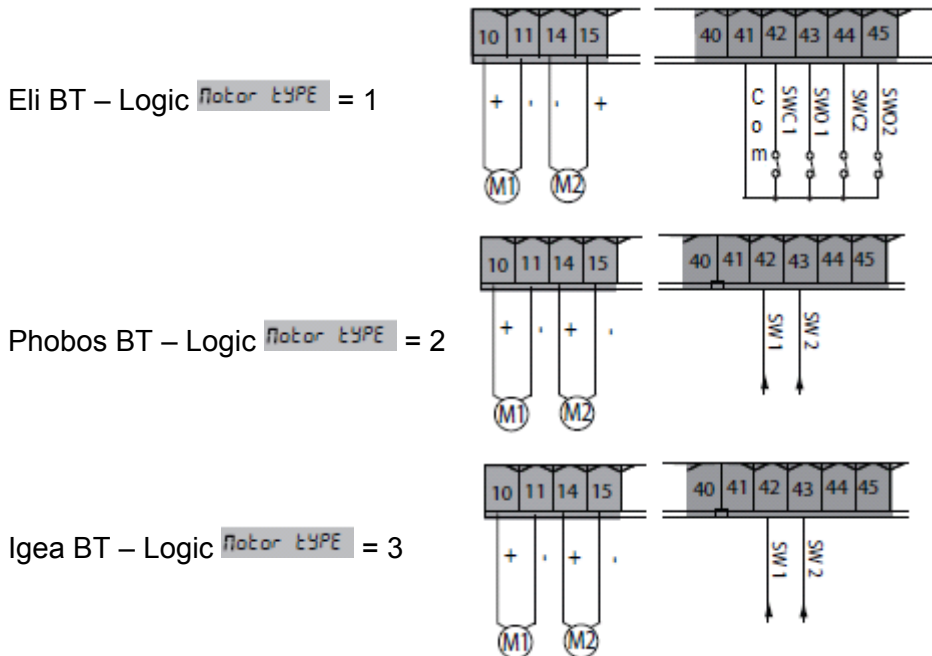
Thali L is the first of a new generation of control panels from BFT and will replace the Libra CMA for 24v electromechanical swing gate motors.

## Main differences;

- Colour coded terminals
- Universal numbering e.g. 70 – 75 will be safety on all new series panels
- Programmable safety inputs - photo, bar, 8K2 etc.
- Programmable command inputs - start, open, close or timer
- Enhanced motor control
- Motor 1 is now the first to open and last to close

## Motor wiring;

Motors are wired according to type and a corresponding logic is set to dictate which type of motor is in use;



## Quick Start Menu;

There is a quick start menus that appears with a single press of the OK button

- LARGE** – Wait for “Ita” to display, use down key to locate “Eng” & press OK
- TYPE** – Wait for “Eli” to display, use down key to select your motor & press OK
- n. Mot.** – Wait for “2” to display, use down key to select “1” if single motor & press OK
- dir** – Wait for “Int” to display & press OK (for inward opening gates)
- PrESEt** - Wait for “Ar” to display & press OK  
(Consult the table for explanations and options)
- RUtoSEt** – Press OK Motors will now run and auto set
- ΠΕΡ r ΕΠοtΕS** – Install transmitters – follow the prompts or press OK to exit.

This can be bypassed by pressing the OK button twice, rapidly

# Thalia L Quick Reference

## Preset Parameters and Logics

Ar = Automatic Residential  
 Ac = Automatic Commercial  
 Ind = Industrial

Sr = Semi Automatic Residential  
 Sc = Semi Automatic Commercial

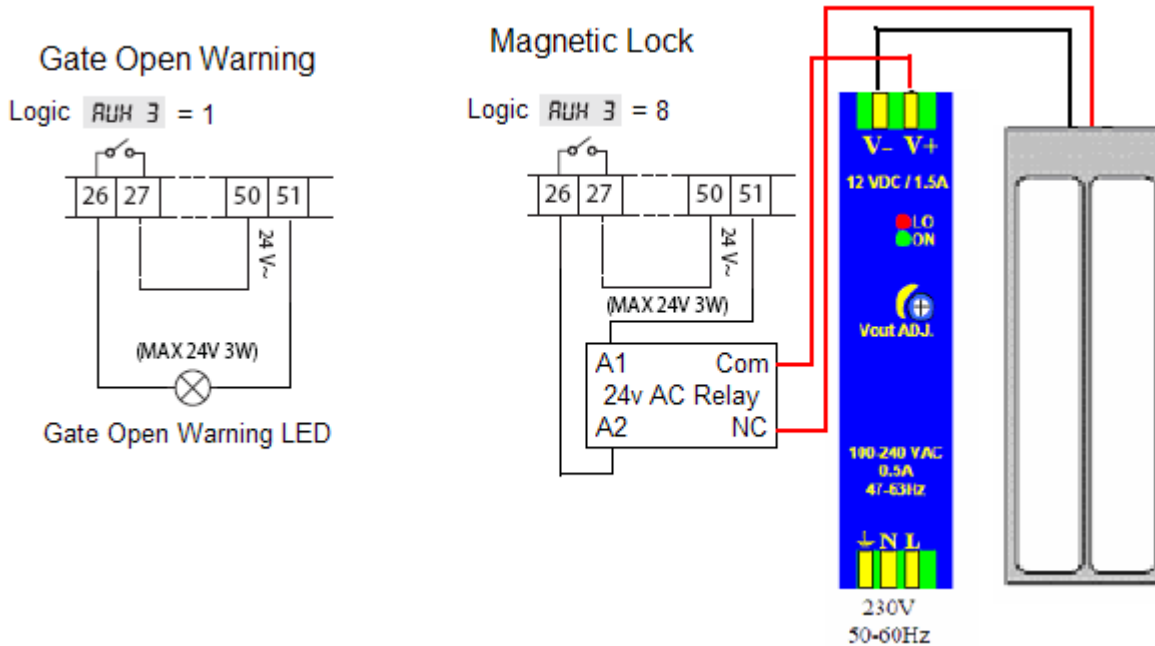
See main instructions page 5 for details.

## Terminals;

L	N	10	11	14	15	20	21	26	27	40	41	42	43	44	45	50	51	52	60	61	62	70	71	72	73	74	75
Live	Neutral	Motor 1	Motor 1	Motor 2	Motor 2	Blinker	Blinker	Aux 3	Aux 3	- SW	+ SW / Limit Com	Close Limit 1/SW M1	Open Limit 1/SW M2	Close Limit 2	Open Limit 2	24v -	24v +	24v V Safe	Common	Command 1	Command 2	Common	Stop	Safety 1	Fault Safety 1	Safety 2	Fault Safety 2

Note;

Terminals 26 & 27 are a 3w switch that can be used for switching low current devices only; the exact response can be programmed in logic. Sample circuits are given below.



## Parameters;

The main change from older panels is the ability to control leaf speed, independent of force, both in normal and slow down. See main instructions page 24 for details

## Logic;

The main change is that ON and OFF are replaced with 0 – 9, where 0 = OFF or default and 1 – 9 represents a programming option. See main instructions page 25 for details.

*This document is designed to assist regular BFT product users with the introduction of some new concepts; it does not replace the supplied instructions and should be used in conjunction with the documentation supplied with the product*