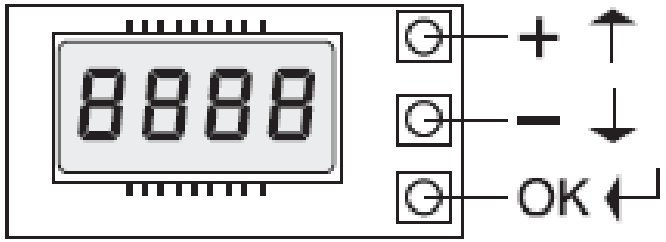
tuned to you

Ares QRG

Quick reference guides are not a replacement for the supplied instructions, they are supplementary
Read and understand the installer warnings in the main instruction document first
Always apply good, safe, state of the art engineering and electrical installation principles
Safety of the completed installation is the ultimate responsibility of the installer
This product is not suitable for DIY use and should only be installed and maintained by a trained, skilled, professional installer

Menu System



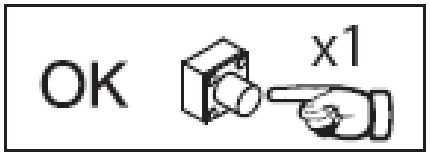
Scroll up

Scroll down

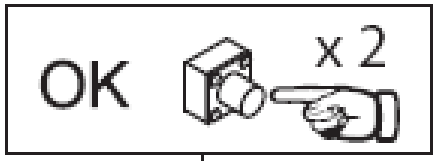
Confirm/Switch on display

Exit Menu

Each press takes you up one level

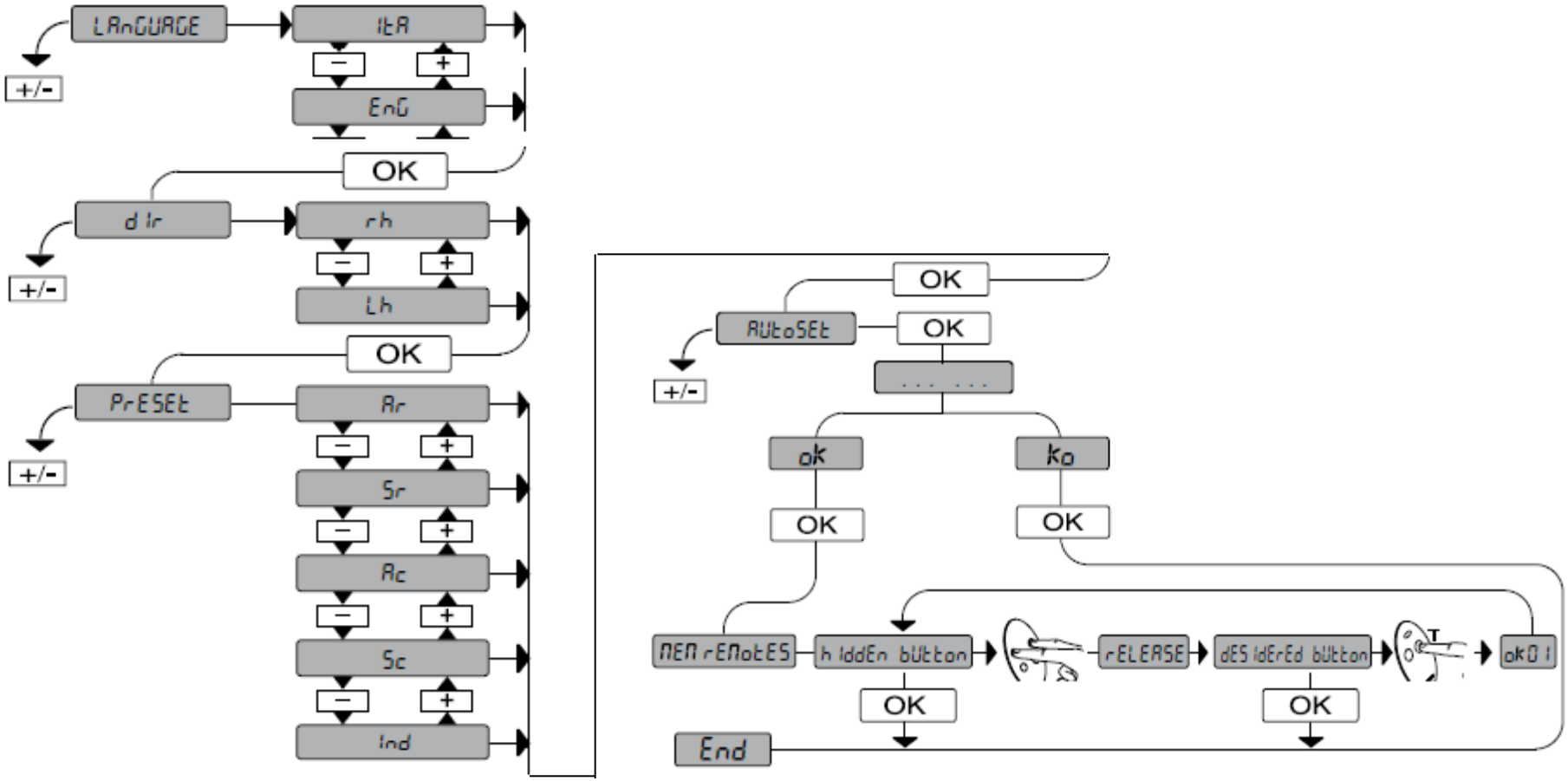


= Quick Menu



Rapidly = Traditional Menu

Quick Menu Layout



Quick Menu Presets

Ar = Automatic Residential

Sr = Semi Automatic Residential

Ac = Automatic Commercial

Sc = Semi Automatic Commercial

Ind = Industrial (Dead Man)

	Ar	Sr	Ac	Sc	Ind
Automatic Closing Time	ON	OFF	ON	OFF	OFF
Block Pulses	OFF	OFF	ON	ON	OFF
Impulse lock TCA	OFF	OFF	OFF	OFF	OFF
3 step	ON	OFF	ON	OFF	OFF
Pre-alarm	OFF	OFF	ON	ON	OFF
Deadman	OFF	OFF	OFF	OFF	ON
Photocells during opening	ON	ON	ON	ON	OFF

Traditional Menu Layout

Parameters;

Adjustable numeric settings (formerly on pots)

Logic;

Function ON/OFF settings (formerly on dip switches)

Radio;

Transmitter storage

Language;

Panel language selection

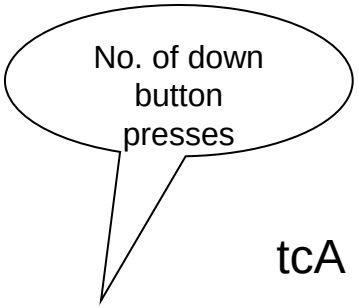
Default;

Restore panel Parameter and Logic settings to factory default

Auto set; - Automatically sets torque, brake & slow speed

Statistics; - Version, No. cycles, No. remotes

Essential Parameters



	tcA	Automatic closing time (sec)
1	SLou SPEEd	Slow speed (% of normal)
2	oPt	Opening obstacle sensitivity (10% at autoset)
3	cLSt	Closing obstacle sensitivity (10% at autoset)
8	dISt SLou	Slow down distance (% of total opening)

If the panel flashes “SET” after a parameter is adjusted, it needs to perform a complete open and close cycle without interruption to re calculate its torque curve – simply apply START commands until “SET” clears from the screen

For more options and detail see main instructions

Essential Logics

No. of down button presses

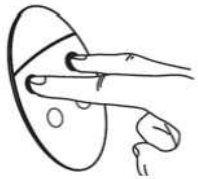
	tcA	Automatic closing
1	ibL oPEn	Block START during opening
3	3 StEP	Enable 3 step start impulse logic (4 step OFF)
6	Photoc. oPEn	Ignore photo cells during opening
14	chAnGE Mot.	Change motor direction
15	IcE	Enable cold weather START

For more options and detail see main instructions

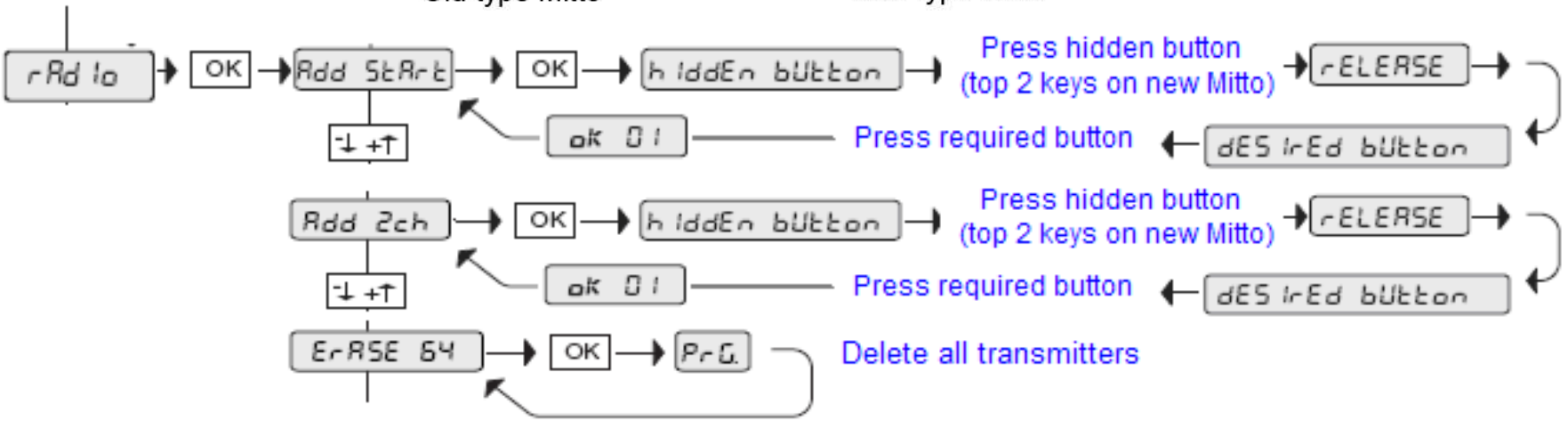
Essential Radio and Language

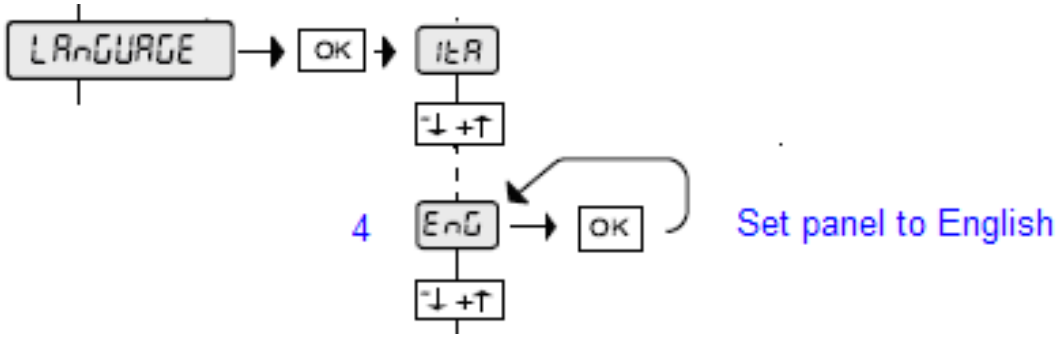
Old type Mitto

"Hidden Button"



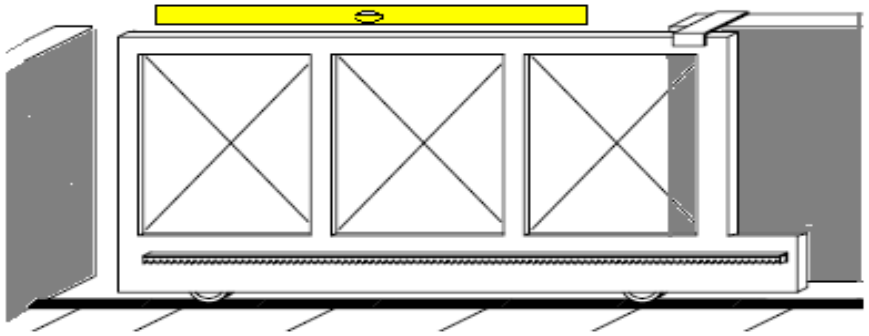
New type Mitto





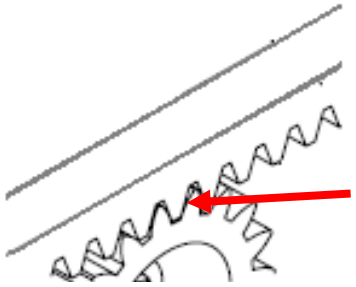
Straight & Level – Track/Pinion Clearance

The gate *must* be perfectly level at all stages of opening
(Tracked or Cantilevered)



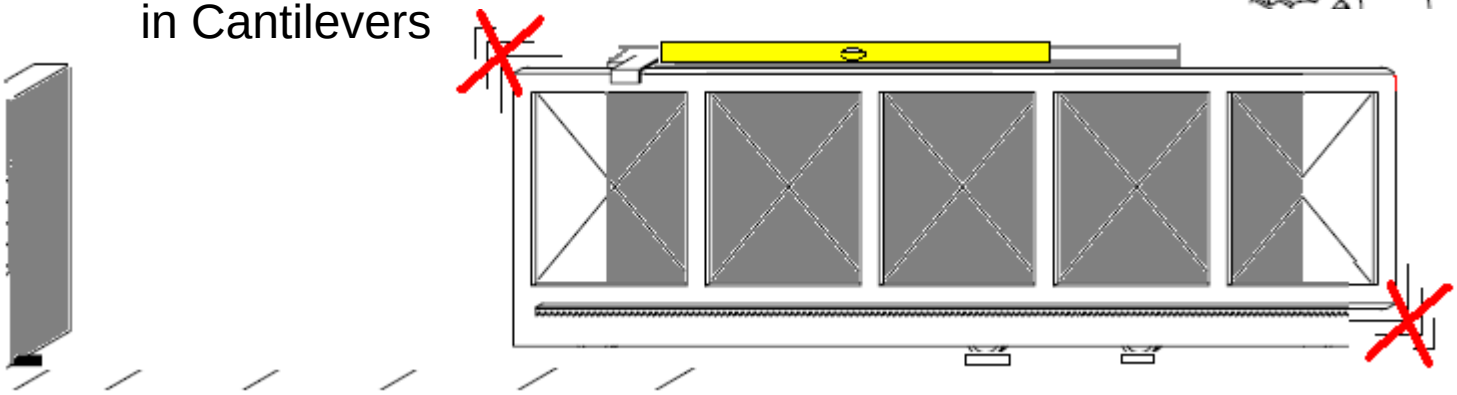
There *must* be adequate clearance between the drive rack and the drive pinion, this is to ensure that the pinion does not carry *any* of the gate vertical weight

Clearance must be present at *all* stages of opening – check it!



2mm Clearance

There *must* be no “droop” or “rocking” action in Cantilevers



Method

Set up and check the rolling hardware for level and droop

Fit the drive rack maintaining 2mm clearance throughout travel

Fit a 45mm passive edge to the leading edge

Fit and adjust the limit plates to give min. 20mm clearance at each end

Close the gate and lock off the release

Run the quick menu
(Direction LH is with motor on the left RH is with the motor on the right)

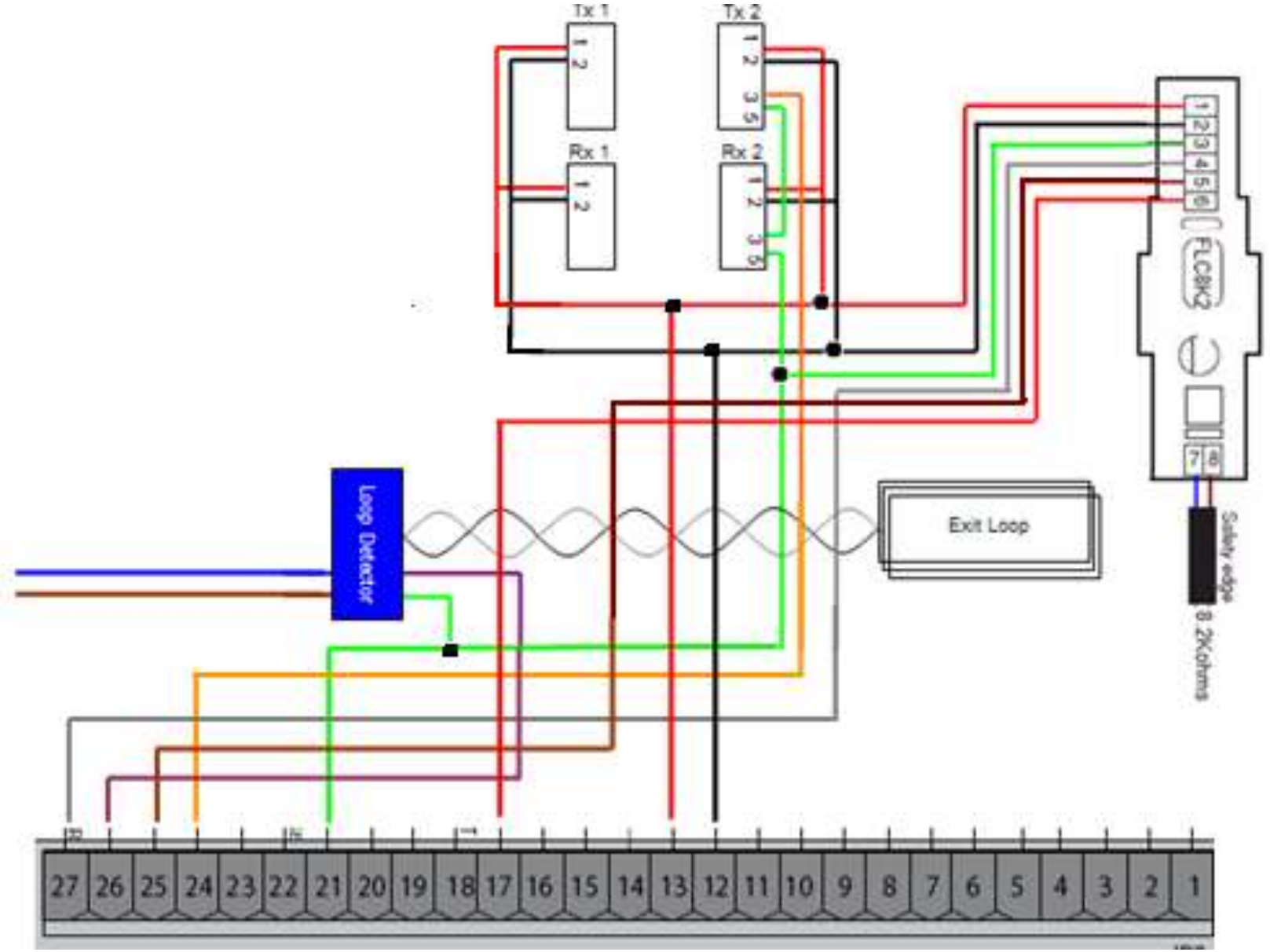
The Autoset routine should result in an OK message
(If it does not – re check limits and rolling gear)

Using the traditional menu, increase slow distance to give 700mm of slow down space at closing (And opening if crush hazard exists)

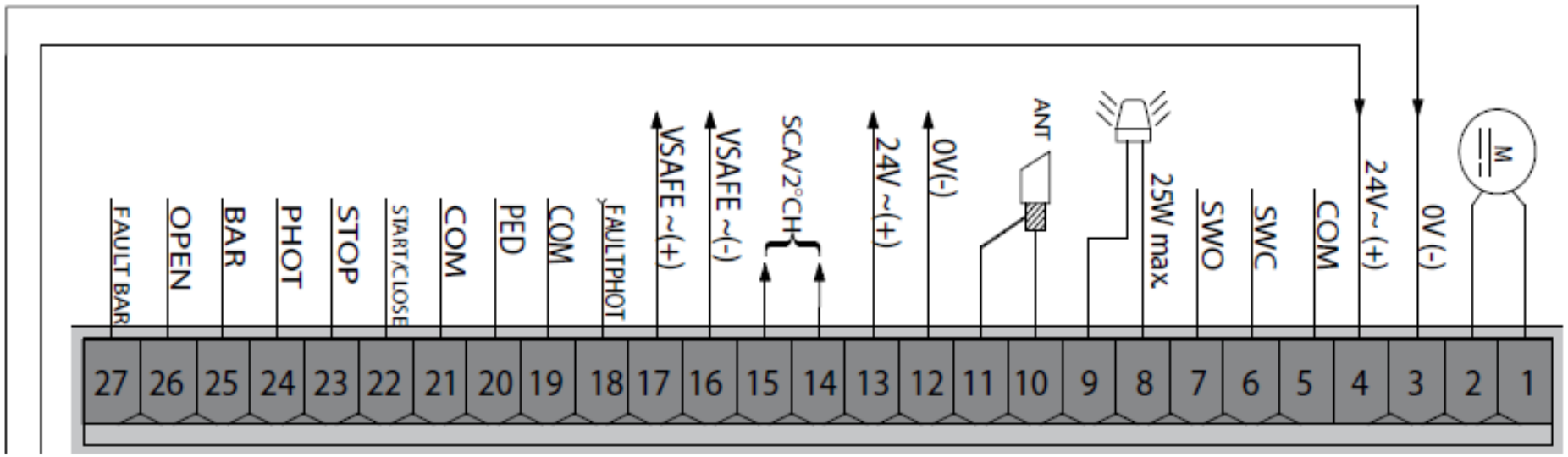
When the display reads SET give the panel start commands to provide a complete uninterrupted open/close sequence to re calibrate the torque curve –

Beware! There will be no obstacle detection during this sequence

Typical Wiring Set Up



Wiring Connections



Machine Directive Compliance

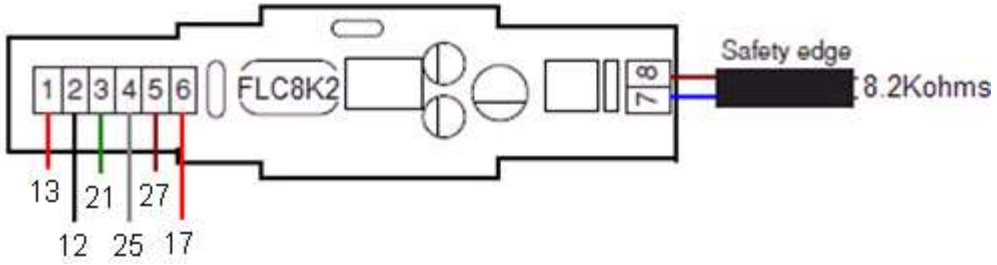
Measure the force/time at 500mm in line with the drive rack

If force/time is below limits adjust torque/slow speed to just under the limit

If force/time is over limits, re examine the rolling gear and gate for inclination, binding or droop and rectify

Re test, if force/time is still high it will be necessary to make the edge active with a Cat. 2/3 device

Shearing risks between gate and supports can be addressed using safe edges and an FLC8K2



Set Logic

tESt bAr = ON

Address all other risks as appropriate