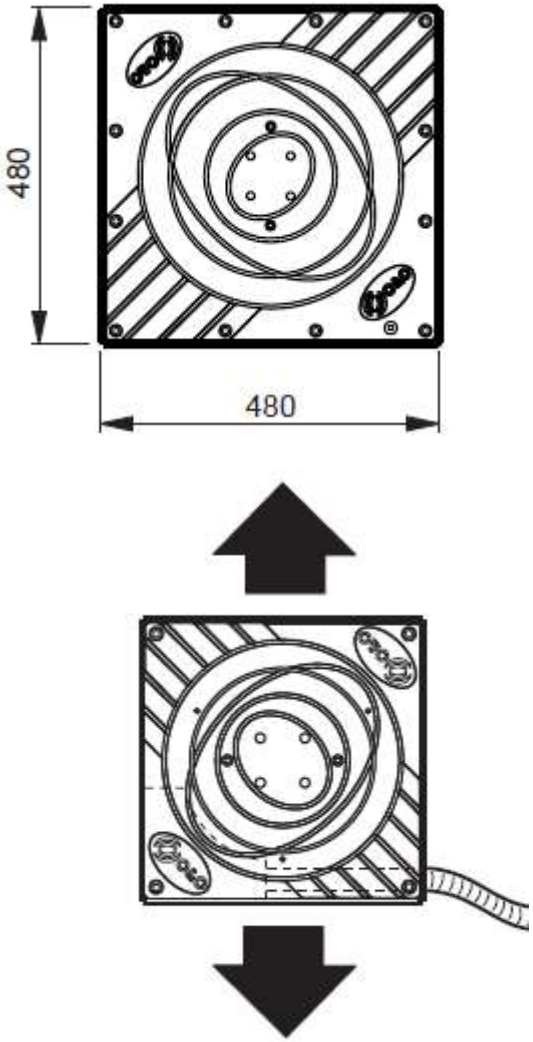
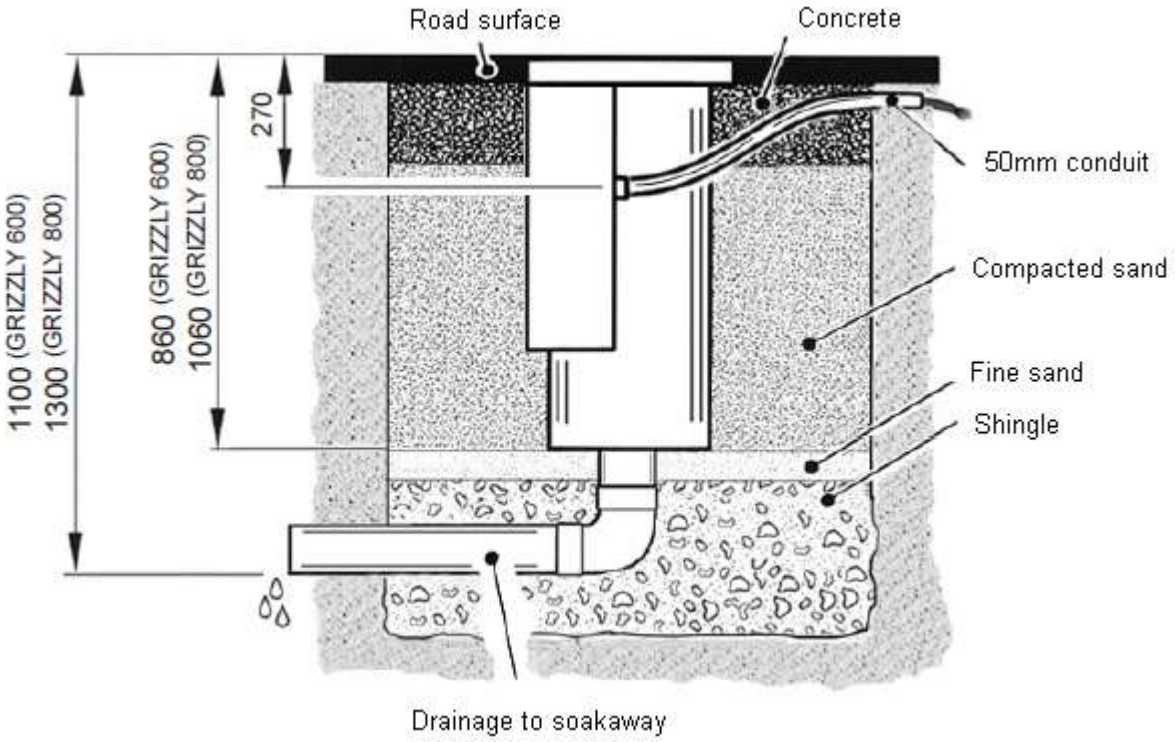
tuned to you

Grizley QRG

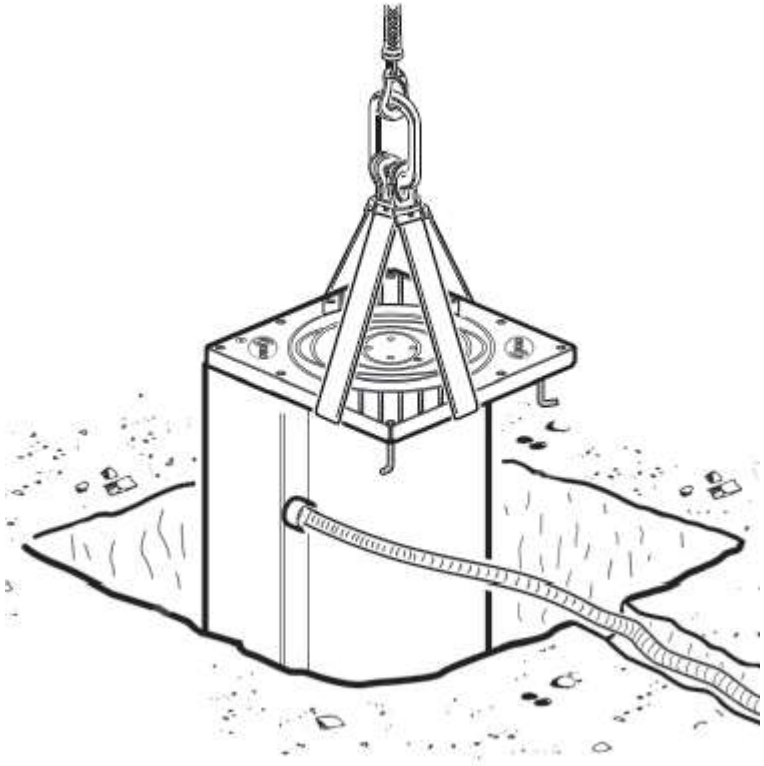
Quick reference guides are not a replacement for the supplied instructions, they are supplementary
Read and understand the installer warnings in the main instruction document first
Always apply good, safe, state of the art engineering and electrical installation principles
Safety of the completed installation 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

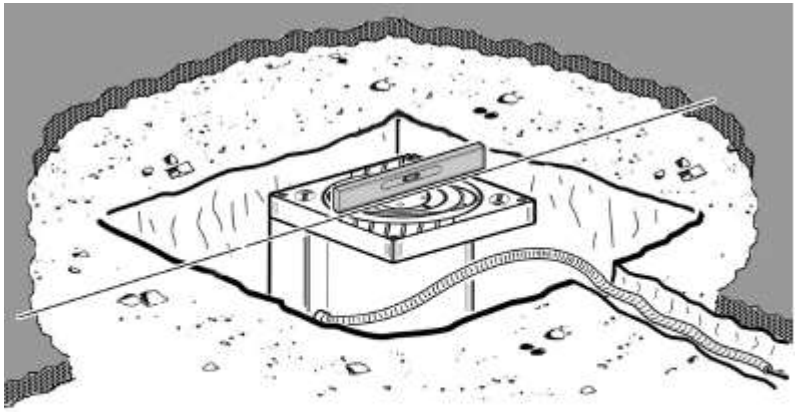
Foundations





Installing/Levelling





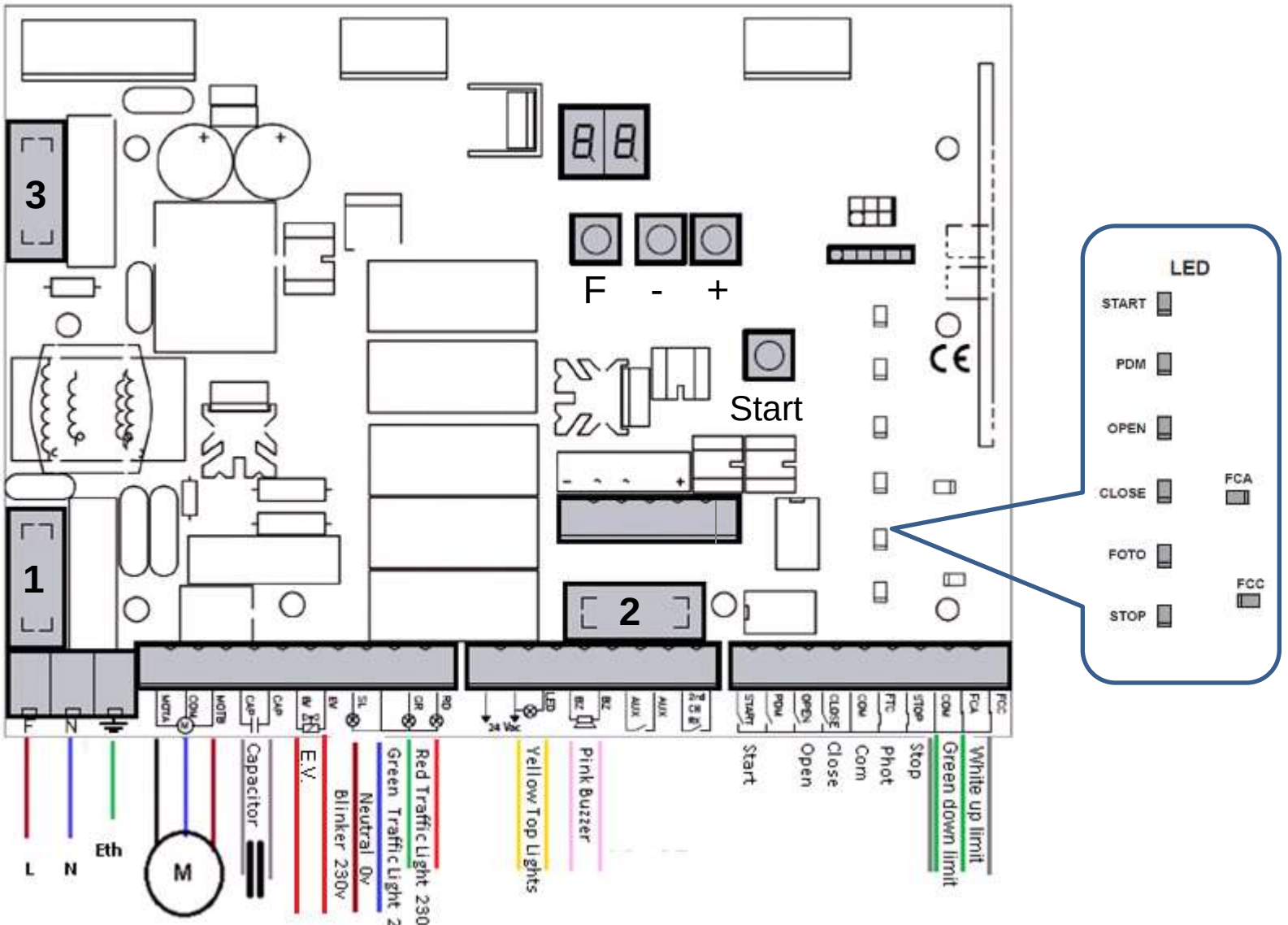
Level with the road surface

Wiring Fuses & LED's

Fuse 1
6.3A
230v in & motor

Fuse 2
1A
24v out

Fuse 3
250mA
Brake & logic control

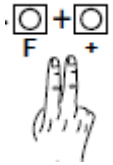


Initial Programming

Select 600mm or 800mm bollard

Press **F** & **+** together for 2 seconds

The display will show a random reading…..



Press **+** or **-** to select **G6** for 600mm and **G8** for 800mm (Fail Safe)

H6 for 600mm and **G8** for 800mm (Fail Safe) SCT

Press **F** and then **+** to save and exit

Select correct limit switch response

Press **F** for 2 seconds = **Lo**

Then with F still pressed, press + twice = Pd

Press **F** repeatedly until **PP**

Press **+/-** to display = 01

Press F repeatedly to St and once more to exit

Simple Programming

Automatic Closing (TCA)
Press **F** for 2 seconds = **Lo**
Press **+** or **–** to select;
00 = Hold to Run
01 = TCA OFF
02 = TCA ON
Press **F** repeatedly until **St** displays then press **F** again to save and exit

Automatic Closing Time
Press **F** for 2 seconds = **Lo**
Press **F** repeatedly until **tP** displays
Press **+/-** to adjust (in seconds)
Press **F** repeatedly until **St** displays and press **F** again to save and exit

Phot cell response
Press **F** for 2 seconds = **Lo**
Press **F** repeatedly until **Ft** displays
Press **+/-** to adjust (00-02)
Press F repeatedly until **St** displays and press **F** again to save and exit
00 = Descends again during rising
01 = Descends and waits 1 sec. during rising
02 = Descends and waits 5 sec. during rising
**In all cases photo is ignored during descending

Receiver - 2 Channel – 2048 transmitters

Program a button to channel 1 or 2

Press SW1 or SW2 x 1

=  flashing LED

Press hidden button =  constant LED

Press the desired button =  flashing LED - press next hidden or leave to time out

Simultaneously program button 1 & 2

Press SW1 x 2 = CH1 Button 2 = CH2

=  LED flashing in 2 flash cycles

Delete all Transmitters

Press SW1 x 6

Press SW1 & SW2 together for 10 seconds

= Rapid flashing – when flashing ends all transmitters are deleted

Level 1 Advanced Programming

Press **F** for 2 seconds = **Lo**
Press **F** repeatedly to select required item
Press **+** or **–** to adjust
Press **F** repeatedly to **St** and **F** once more to exit

Lo	0	Auto close	Will OPEN with pulse - hold-to-run CLOSE command
	1		TCA off
	2		TCA on
cL	0	Close command	Close command
	1		Fast close when it goes open circuit - will close during tca
	2		Fast close + safety - will not close during tca
Ft	0	Phot cells	Re open + wait for tca
	1		Re open + wait 1 sec
	2		Re open + wait 5 sec
ob	0	Grizzly Obstacle Detection	Off
	1		Closing - stop & wait for command
	2		Closing - open & wait for command
	3		Closing - open & re close after 5 secconds
Pf	0 to 30	Pre flash	Pre flash time
Ld	0	Lights	Flash during movenet - fixed open/close
	1		Flash during movenet and closed - fixed down
	2		Flash allways
	3		Flash during movement and pen - fixed up
bU	0	Buzzer	Buzzer off
	1		Buzzer on during movement
dF	0	Default	No action
	1		Default all settings
	2		Default to type A (Chapter 2 of full manual)
	3		Default to type B
	4		Default to type C
	5		Default to type D
tP	1 to 99	TCA Time	TCA time
St		Exit	

Level 2 Advanced Programming edit

Press **F** for 2 seconds = **Lo**
Then with **F** still pressed press **+** once
Press **F** repeatedly to select required item
Press **+** or **–** to adjust
Press **F** repeatedly to **St** and **F** once more to exit

Sr	0	Maint. Req.	Off
	1		Active on aux
	2		Active on aux and double bollard light flash
nt	0 to 99		Thousands of cycles
nL	0 - 99		Millions of cycles
Au	0	Aux Output Active when..	Maintainance no. cycles reached
	1		Photo cell active
	2		
	3		PDM
	4		Bollard up (cuts in at end of run time)
	5		Bollard down (cuts in with limit)
	6		Stop active
	7	See Level 3 PA	Warning flash
	8		Start active
	9		Open active
	10		Powered up
	11		Panel/limit fault
tE	0 to 30	Heater	Deg. Above ambient setting
Cr	10 to 45	Slowd	Closing slow speed

Level 3 Advanced Programming edit

Press **F** for 2 seconds = **Lo**
Then with **F** still pressed press **+** twice
Press **F** repeatedly to select required item
Press **+** or **–** to adjust
Press **F** repeatedly to **St** and **F** once more to exit

Pd	0	PDM Input	N/O
	1		N/C
PA	0	Aux Output	N/O
	1		N/C
cP	0	Ibl TCA	OFF
	1		ON
FP	0	Function	None
	1		No OPEN unless made - No CLOSE when made
	2		As above but CLOSE inactive till tca ends
	3		TERMON
rI	0	Radio CH1	OFF
	1		START
	2		OPEN
ht	20 to 80	230v	Mains Frequency (Hz)
PP	0	Pressure switch	N.O. (used pre 2013
	1		N.C. (used from 2013)

Multiple Units – Max. 4