

polimek®

CONTROL AND SECURITY SYSTEMS MANUFACTURER



SLIDING GATE INSTALLATION AND MAINTENANCE HANDBOOK WARRANTY CERTIFICATE

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SLIDING GATE (SG 55) TECHNICAL SPECIFICATIONS



Power Requirements	: 110/220-240V, 60/50Hz, AC (%±10) 24V.DC -At standby ~10W. During operation ~39W. (Single-sided) -At standby ~20W. During operation ~78W. (Centre unit)
Wing Movement	: Electronically controlled rapid wing movement for quick and smooth passages.
Wing Features	: Soft blue illuminated 12mm impact resistant tempered glass (Opt. polycarbon) wings. A passage lane consists of two single-sided units.
Top Lid	: 20 mm. thick natural granite (Star Galaxy Black) stone on top is standard feature for a decorative and aesthetical appearance. Different granite patterns and colours are available. (Opt. stainless steel, tempered glass or wood)
Body Features	: 304-Grade satin finished stainless steel. Stainless steel and acrylic plates for both directions are provided with the top lid for covering reader devices. Adequate space is available under these plates for installation of various reader devices and wiring. Acrylic plates are recommended for the integration of RF units
Indicator & Display Features	: On the front panels, DOT MATRIX animated LED status displays of Green Arrow and Red Cross are provided as standard feature. In addition, an illuminated acrylic layer under the granite top lid is included. At standby, the acrylic layer illuminated in blue; during authorised passages it flashes green; when an unauthorized attempt is detected or during alert mode it flashes red.
Operating Temperature, Humidity, IP Rating	: -20°C - +68°C / RH 95% non-condensing / IP 44 indoor model
Minimum Passage Performance	: 15 Million passages
Control System	: All inputs are opto-coupler protected .Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

System Features & Operation

: Microprocessor controlled, PWM DC motor driven mechanism; multi sensor IR passage detection system. The wings are closed crossing the lane at standby. Wings open rapidly to allow passage when input is received by either direction. Internal dip switch selectable; free passage by photocell detection, restricted access, controlled access on both or single direction modes are built in features.

Output Data

: The system provides dry contact passage feedback by relays.

Emergency Mode

: The system allows free passage by opening the wings while turning all indicators and wings green upon receiving emergency input from an alarm system. Wings open automatically in case of a power failure in default fail-open mode (powered by internal back-up battery). User can select fail-closed mode by internal dip switch.

Wing Speed

: Wing speed is electronically controlled by adjustable PWM motor drive system.

Passage Width 550 mm	
Wing Height 900 mm	~ 0,8 seconds factory default
Wing Height 1200 mm	~ 1,0 seconds factory default
Wing Height 2000 mm	~ 1,2 seconds factory default

- ❖ The above figures are for standard tempered glass wings.
- ❖ Default speeds can be adjusted by consultation at the time of order

Flow Rate

: Capacity of Mechanism: ~1-120 passages/minute; Nominal: ~25-50 passages-per-minute (Recommended reference figure).

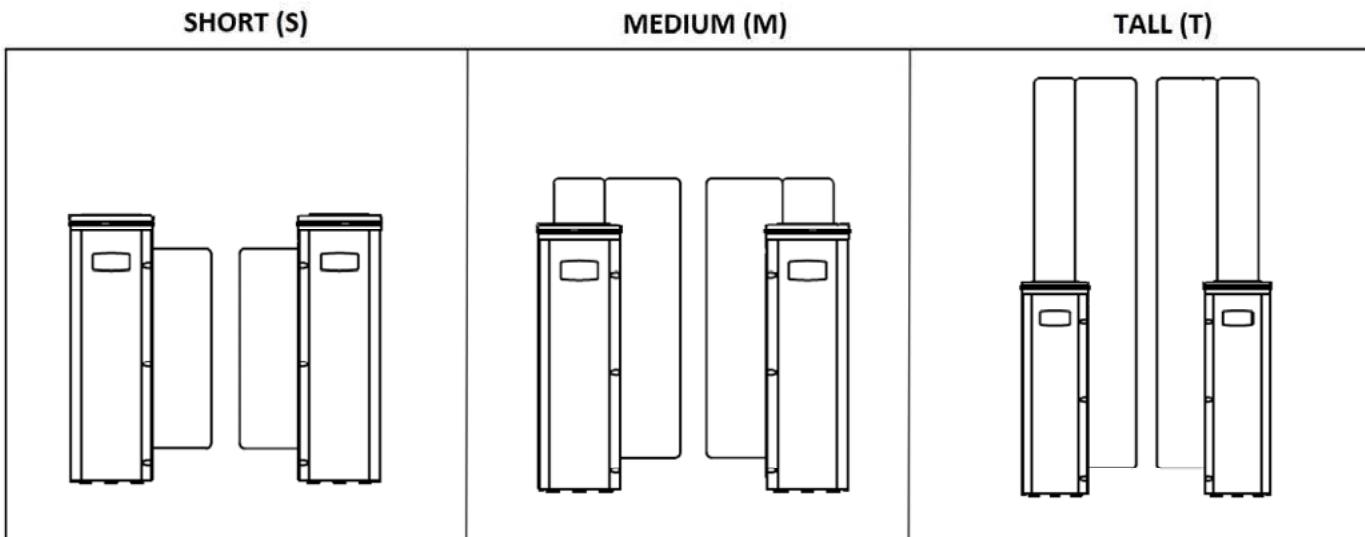
- ❖ Utilisation of different access control units can change the flow rate.

Standard Features

: Dot matrix direction and status indicators, natural granite top lid, stainless steel and acrylic reader cover plates for both directions, luggage trolley passage functionality.

Optional Accessories and Applications

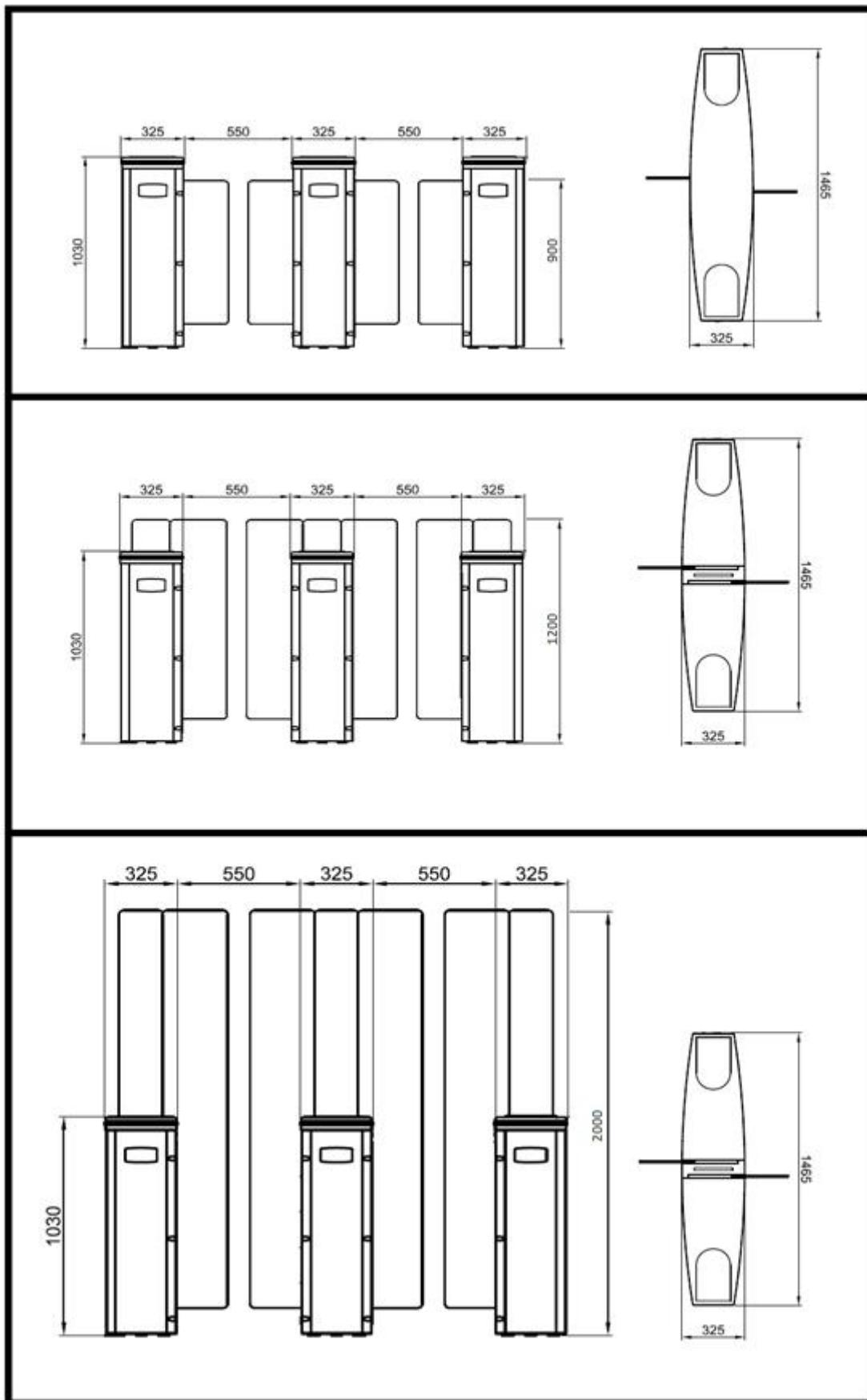
: Tempered glass side (lateral) panels, remote control unit, interface unit for PC, RS 485, RS232 and LAN, counter, audio-messaging system, alarm sensor, bottom plate, coin slot/intelligent coin system and coin box, separator, card reader pole.



*Design and specifications are subject to change without notice.

**As the top lid is made of natural granite, it may have variations in color tones and patterns.

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Operating Temperature, Humidity, IP Rating, MCBF	: -20°C - +68°C / RH 95% non-condensing / IP 44 indoor model / 1M cycles
Minimum Passage Performance	: 15 Million passages
Control System	: All inputs are opto-coupler protected .Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.

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Wing Speed

: Wing speed is electronically controlled by adjustable PWM motor drive system.

		<u>900mm passage width</u>	
Wing opening/ closing speed	900mm Wing Height	~1,3 sec. by default	
	1200mm Wing Height	~1,6 sec. by default	
	2000mm Wing Height	~1,8 sec. by default	

* default speeds can be adjusted by consultation at the time of order.

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Flow Rate

: Capacity of Mechanism: ~1-120 passages/minute; Nominal: ~25-50 passages-per-minute (Recommended reference figure).

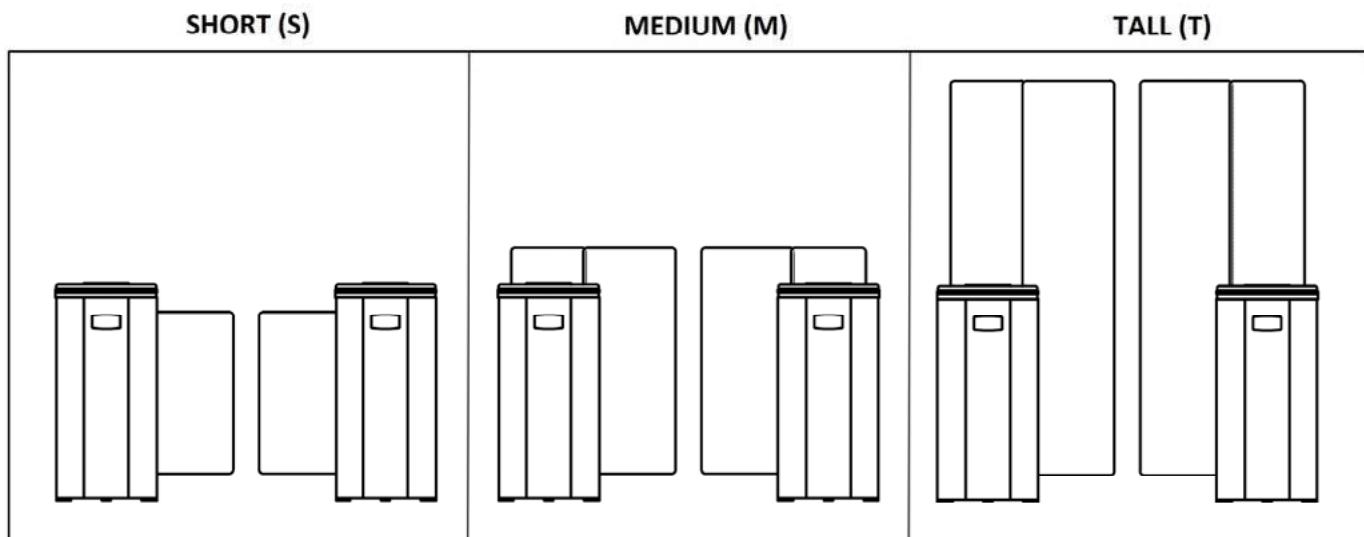
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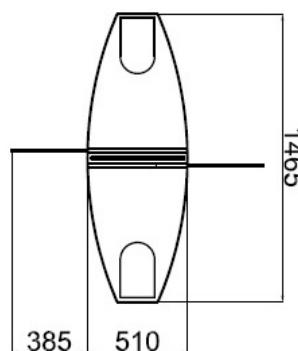
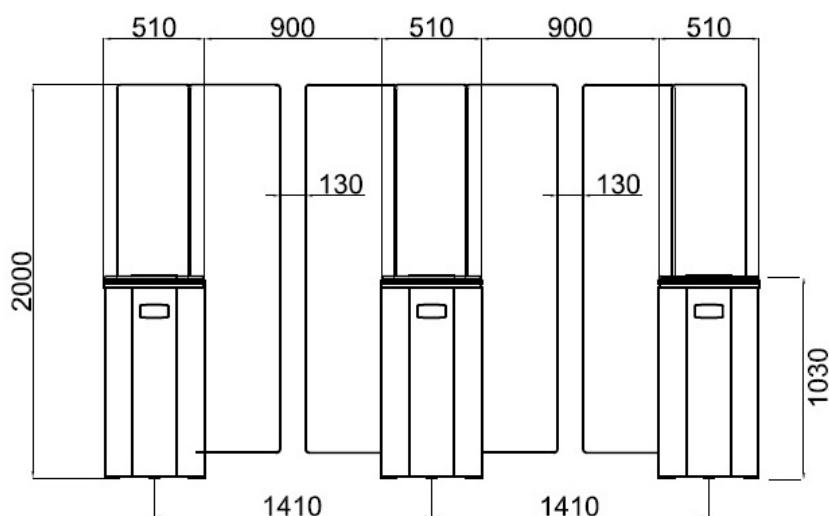
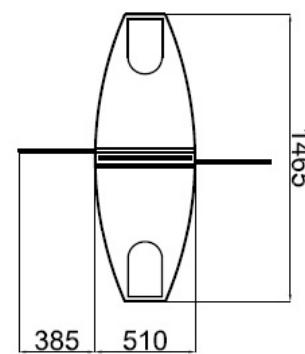
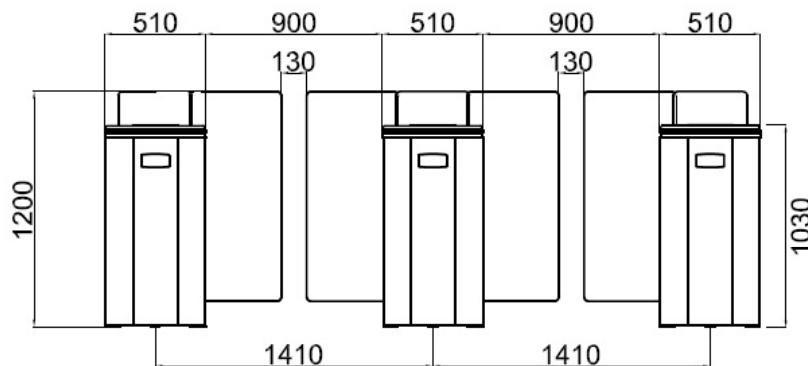
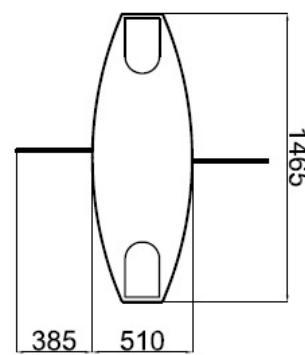
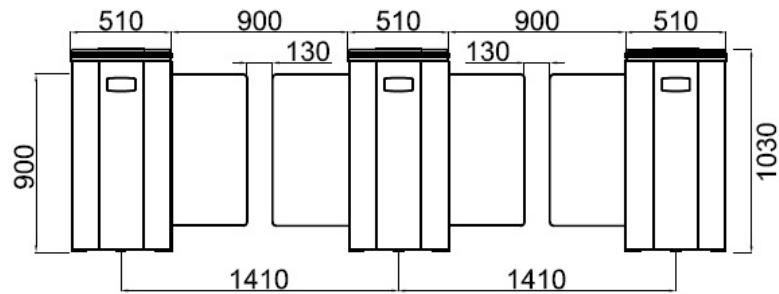
Optional Accessories and Applications

: Tempered glass side (lateral) panels, remote control unit, interface unit for PC, RS 485, RS232 and LAN, counter, audio-messaging system, alarm sensor, bottom plate, coin slot/intelligent coin system and coin box, separator, card reader pole.

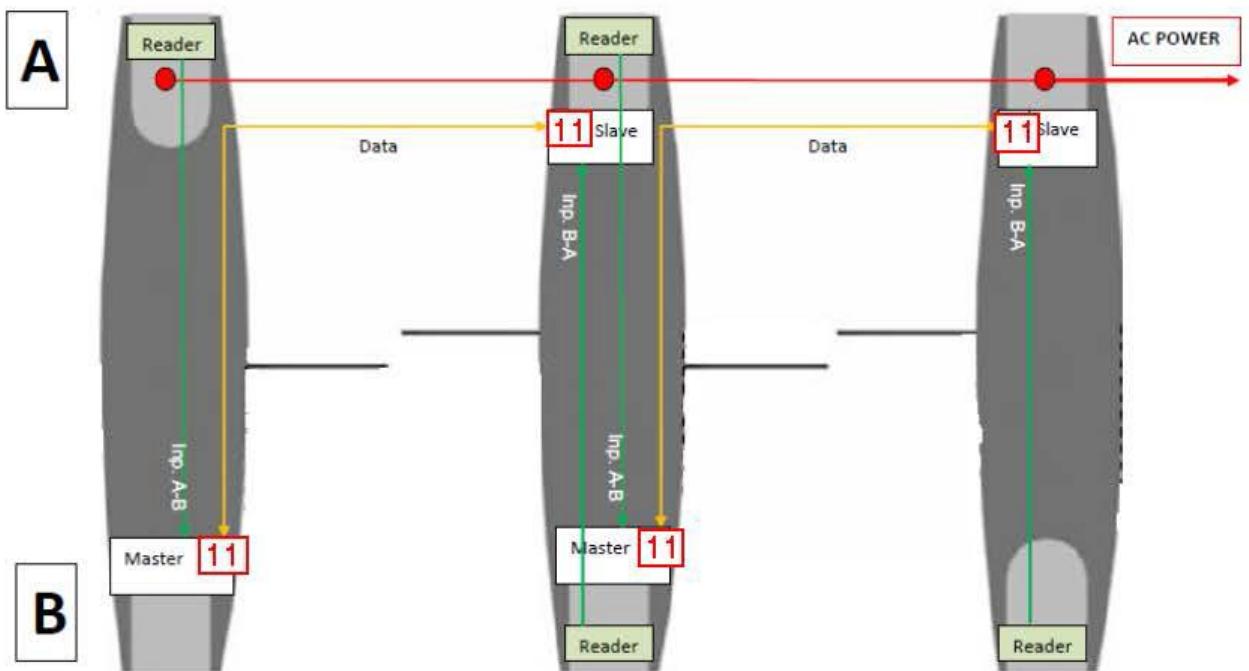


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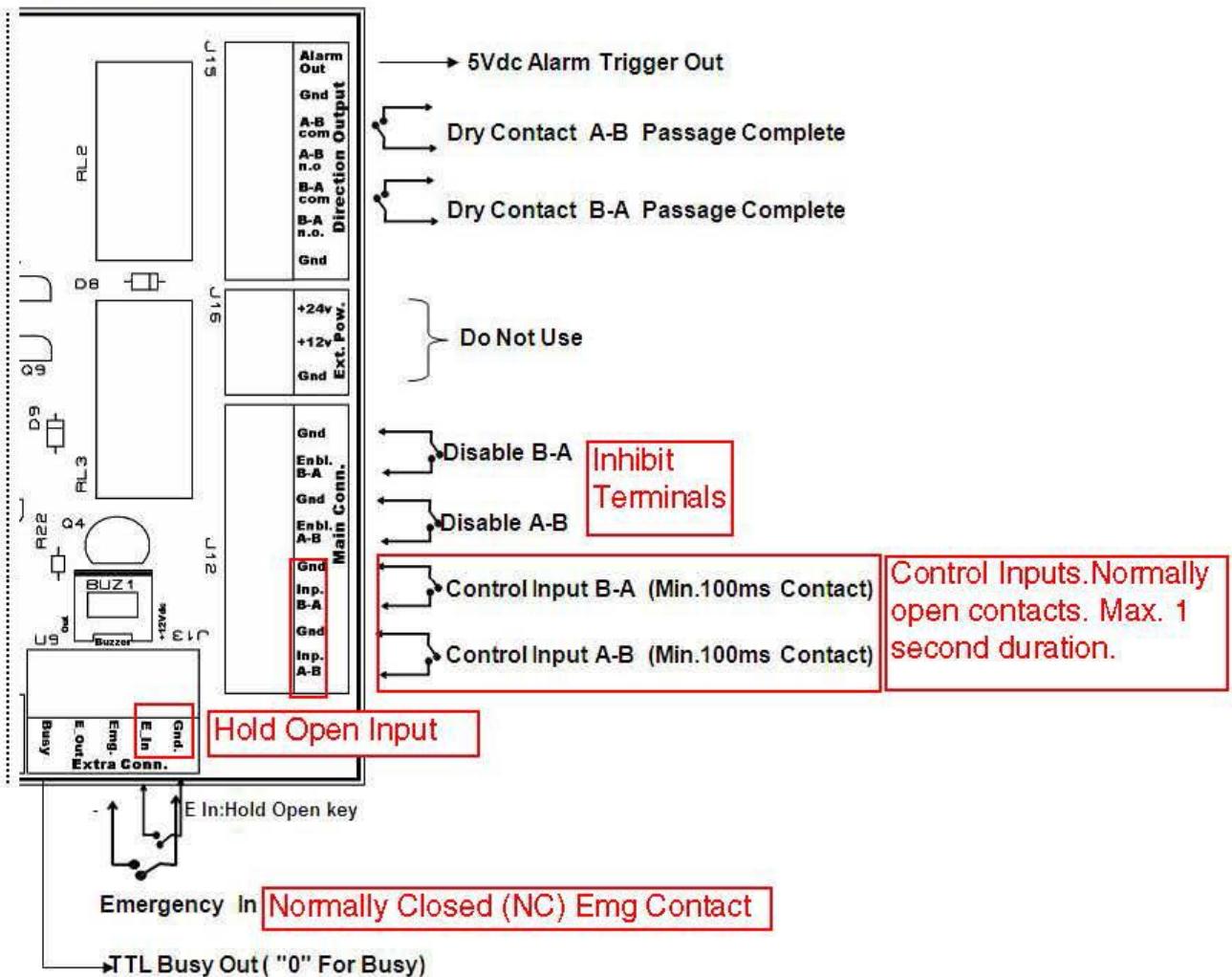


INSTALLATION WIRING DIAGRAM



CAUTION ! IR Receivers on Master units should not be exposed to direct sunlight or other IR sources.

User Control Terminals



NAME OF INSTALLER :	PRODUCT MODEL NO :
INSTALLATION DATE :	SERIAL NUMBER :
INSTALLATION LOCATION :	FIRMWARE VERSION :

INSTALLER HAS POLIMEK TECHNICAL TRAINING CERTIFICATE	YES	NO

INSTALLATION CHECKLIST

	DESCRIPTION	YES	NO	REMARKS
1	INSTALLATION SURFACES FLAT AND EVEN WITH SUFFICIENT STRENGTH	<input type="checkbox"/>	<input type="checkbox"/>	
2	TURNSTILES ARE PROPERLY POSITIONED / ALL ANCHORING BOLTS ARE TIGHT AND SECURE	<input type="checkbox"/>	<input type="checkbox"/>	
3	ALL WIRING IS PROPERLY LAID OUT AND CONNECTED	<input type="checkbox"/>	<input type="checkbox"/>	
4	POWER CABLES ARE PROPERLY GROUNDED AND INSULATED	<input type="checkbox"/>	<input type="checkbox"/>	
5	MASTER / SLAVE DATA CABLES AND CONTROL INPUTS ARE CORRECTLY CONNECTED	<input type="checkbox"/>	<input type="checkbox"/>	
6	ALL COVERS AND PANELS ARE CORRECTLY INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	
7	ALL PHOTOCELLS ARE FREE OF OBSTRUCTION/ No direct sunlight on Master sensors	<input type="checkbox"/>	<input type="checkbox"/>	
8	TURNSTILES ARE FREE OF SCRATCHES, DENTS OR OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	

FUNCTIONAL CONTROL CHECKLIST

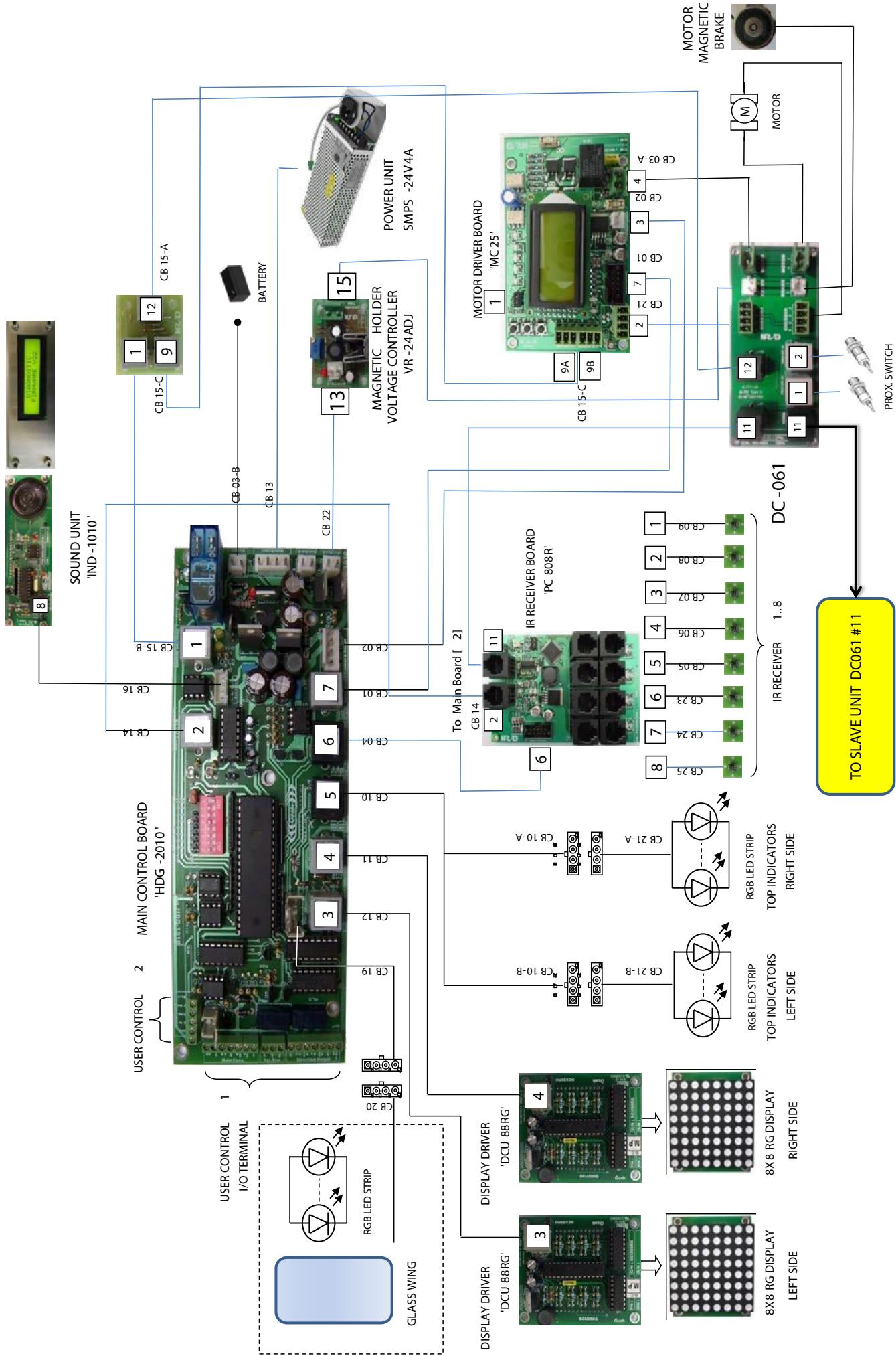
	DESCRIPTION	YES	NO	REMARKS
1	POWER ON: ALL INDICATORS LIT, BUZZERS SOUND, WINGS CYCLE ONCE AND STOP IN STANDBY POSITION	<input type="checkbox"/>	<input type="checkbox"/>	PASSAGE LANE AND PHOTOCELLS MUST BE CLEAR DURING START UP
2	MASTER DIAGNOSTICS SCREEN FREE OF ERROR CODES	<input type="checkbox"/>	<input type="checkbox"/>	
3	CONROL INPUT A AND INPUT B: INDICATORS TURN GREEN IN DIRECTION OF PASSAGE ; RED X ON THE OPPOSITE SIDE	<input type="checkbox"/>	<input type="checkbox"/>	HG AND SG MODELS HAVE RGB ILLUMINATED WINGS AND LED STRIPES UNDER TOP LID
4	WINGS OPEN AND CLOSE SMOOTHLY WITHOUT EXCESSIVE NOISE OR VIBRATION	<input type="checkbox"/>	<input type="checkbox"/>	
5	EMERGENCY INPUTS (CONTINUOUS NC CONTACT - EMG mode active when open): WINGS OPEN, ALL INDICATORS TURN GREEN, PERIODIC ALARM SOUND	<input type="checkbox"/>	<input type="checkbox"/>	NORMALLY CLOSED (NC) INPUT - Remove jumper when connected to fire alarm system-Normally open (NO) in units produced before April 2016
6	FREE PASS MODE CHECK: INDICATORS TURN GREEN, WINGS OPEN AUTOMATICALLY WHEN A PERSON ENTERS THE LANE AND CLOSE UPON EXIT	<input type="checkbox"/>	<input type="checkbox"/>	
7	SAFETY PHOTOSENSOR CHECK: WINGS REMAIN OPEN IF A PERSON STANDS IN THE MIDDLE OF THE LANE	<input type="checkbox"/>	<input type="checkbox"/>	
8	POWER LEAKAGE TEST: CHASSIS/METAL PARTS ARE FREE OF AC VOLTAGE LEAKAGE MEASURED IN REFERENCE TO GROUND	<input type="checkbox"/>	<input type="checkbox"/>	
9	FAIL SAFE EXIT CHECK: WINGS OPEN AUTOMATICALLY (HG AND SG) OR OPEN EASILY BY HAND (PG) WHEN POWER IS CUT OFF	<input type="checkbox"/>	<input type="checkbox"/>	

REPORTED BY	APPROVED BY
DATE : SIGNATURE :	DATE : SIGNATURE :

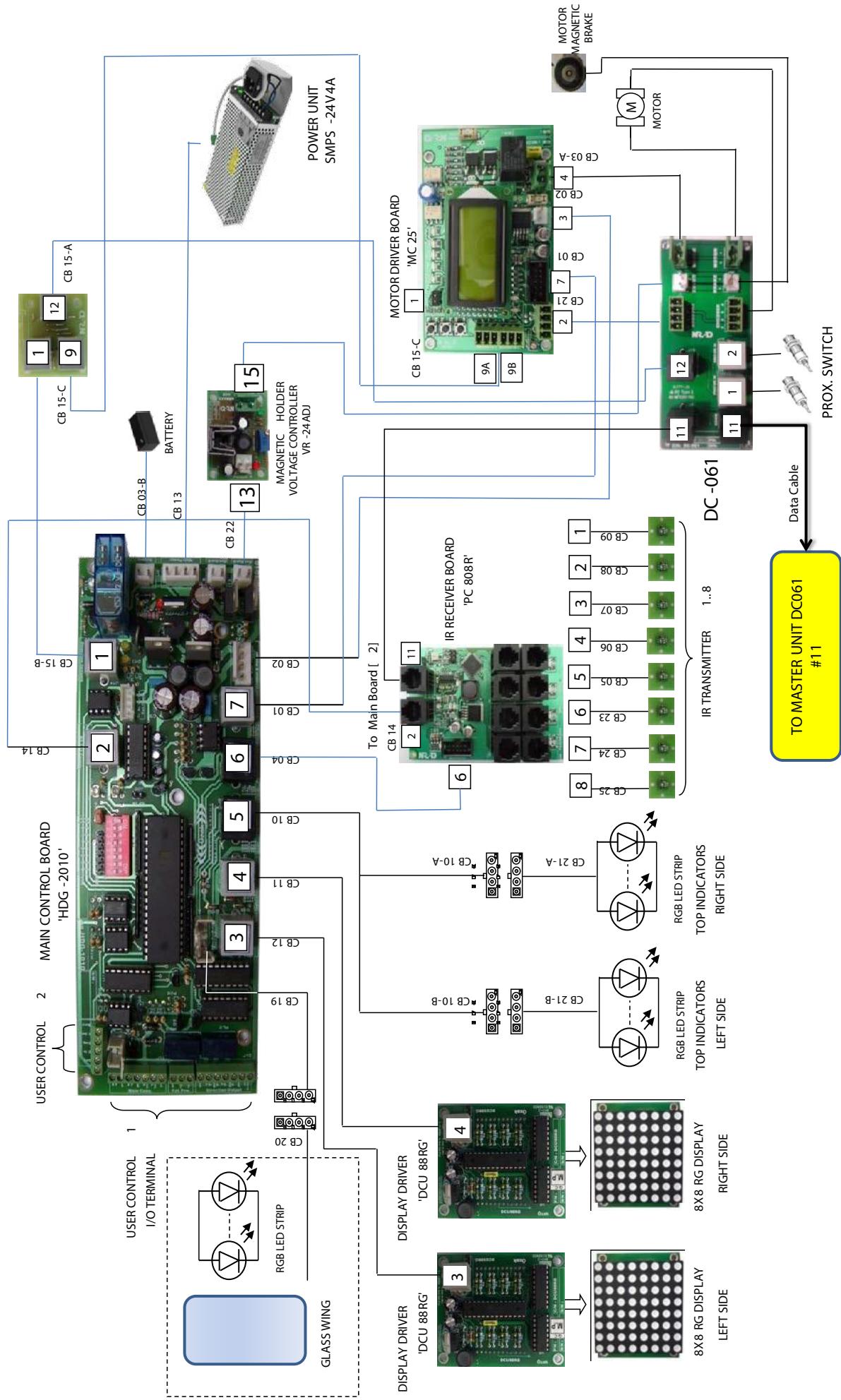
The Sliding Gate Gate is a maintenance free product to a great extent. Following annual checks and maintenance are recommended to ensure smooth operation , long service life and safety .

Maintenance Item	✓ Check For	Action	Remark
External cabinet	<ul style="list-style-type: none"> ○ Loose Panels /rattling noise ○ Loose /broken top cover ○ Glass in contact with cabinet parts 	<ul style="list-style-type: none"> • Re -seat panels • Surely re -seat /replace top cover • Re -position cover/panel for adequate clearance with moving parts 	Clean with soft damp cloth as required
Photosensors	<ul style="list-style-type: none"> ○ Dust and contamination ○ Loose connectors ○ Loose/ misaligned mounts 	<ul style="list-style-type: none"> • Clean with soft brush or pressurized dry air • Tighten connectors • Align, tighten mounts 	
Glass wings !	<ul style="list-style-type: none"> ○ Bent frame, glass scraping frame. ○ Chipped or broken glass with sharp edges 	<ul style="list-style-type: none"> • Align frame to set wing in middle of panel. • Replace glass wing if damaged. 	 Safety requirement!
Pinch rollers (wing stabilizers)	<ul style="list-style-type: none"> ○ Deformed rubber roller ○ excessive pressure on one or both rollers 	<ul style="list-style-type: none"> • Replace pinch roller. • Adjust for slight and equal pressure on both sides of glass wing. 	Ensure that glass wing frame is not bent/ angled.
Sliding Glass Mechanism	<ul style="list-style-type: none"> ○ Foreign objects,dust or gummed lubricant in bottom rail ○ Loose /worn out drive belt ○ Check sliding bearings for excessive play/ noise 	<ul style="list-style-type: none"> • Remove foreign objects/ Clean • Adjust belt tension/Replace belt if worn or damaged • Clean and apply light lubricant as required 	Panels must move smoothly with no jamming or excessive noise.
Electronic boards	<ul style="list-style-type: none"> ○ Loose connector plugs ○ Moisture and excessive dust or foreign objects 	<ul style="list-style-type: none"> • Tighten plugs • Clean 	
Wiring Harness	<ul style="list-style-type: none"> ○ Damaged, loose, bare wires 	<ul style="list-style-type: none"> • Repair/replace 	 Faulty AC power wiring can cause shock hazard!
Chassis/mechanical assembly	<ul style="list-style-type: none"> ○ Loose, missing nuts/bolts 	<ul style="list-style-type: none"> • Tighten/replace as required. 	
Anchoring bolts !	<ul style="list-style-type: none"> ○ Loose floor anchors 	<ul style="list-style-type: none"> • Secure/tighten 	Unit must be securely anchored to floor with no movement!
AC leakage ! 	<ul style="list-style-type: none"> ○ AC leakage on chassis , ○ Improper grounding ○ Damaged, loose, bare wired AC power 	<ul style="list-style-type: none"> Repair/replace as required. 	 Safety Requirement!

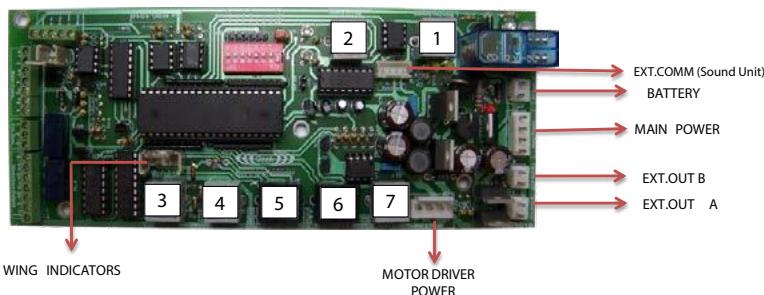
MASTER UNIT PERIPHERAL AND WIRING DIAGRAM



SLAVE UNIT PERIPHERAL AND WIRING DIAGRAM



MAIN BOARD CONNECTOR PIN CONFIGURATIONS



1	DIRECTION SENSORS(PROX.SWITCH)	CABLE COLORS
1	+12Vdc	BLUE
2	Sw_b	YELLOW
3	Gnd	GREEN
4	Sw_a	RED
5	Gnd	BLACK
6	Vcc	WHITE

2	RS 232 COMM (MASTER/SLAVE LINK)	CABLE COLORS
1	Rx	BLACK
2	Gnd	RED
3	Gnd	GREEN
4	Tx	YELLOW

WING INDICATORS			
CABLE COLORS			
1	Green	GREEN	
2	Blue	BLACK	
3	Red	RED	
4	+12Vdc	YELLOW	

MAIN POWER			
CABLE COLORS			
1	+24Vdc	BLUE	
2	+24Vdc	GRAY	
3	Gnd.	BROWN	
4	Gnd.	BLACK	

EXT.OUT-A			
CABLE COLORS			
1	+24V	RED	
2	Out	BLACK	

EXT.OUT-B			
CABLE COLORS			
1	+24V	N.C.	
2	Out	N.C.	

MOTOR DRIVER POWER			
CABLE COLORS			
1	+24Vdc	BLUE	
2	Batt.Out	N.C.	
3	+12Vdc	N.C.	
4	Gnd.	BLACK	

BATTERY			
CABLE COLORS			
1	Gnd	BLACK	
2	+12Vdc	RED	

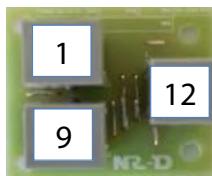
EXT.COMM (Sound Unit)			
CABLE COLORS			
1	Tx	GREEN	
2	Rx	BLACK	
3	Vcc	RED	
4	Gnd	YELLOW	

5	TOP RGB LED STRIP	CABLE COLORS
1	A-B Blue	BLACK
2	A-B Red	RED
3	A-B Green	GREEN
4	+12Vdc	YELLOW
5	B-A Blue	BLACK
6	B-A Red	RED
7	B-A Green	GREEN
8	+12Vdc	YELLOW

6	PHOTOCELL CONTROL	CABLE COLORS
1	N.C.	ORANGE
2	+24vdc	WHITE
3	N.C.	BLACK
4	+24v	RED
5	Handshake Data	GREEN
6	Gnd.	YELLOW
7	Tx	BLUE
8	Rx	BROWN

7	MOTOR DRIVER CONTROL	CABLE COLORS
1	Direction	BLACK
2	Start/Stop Data	RED
3	Over Curr.	GREEN
4	N.C.	YELLOW

FDC 12 PIN CONFIG

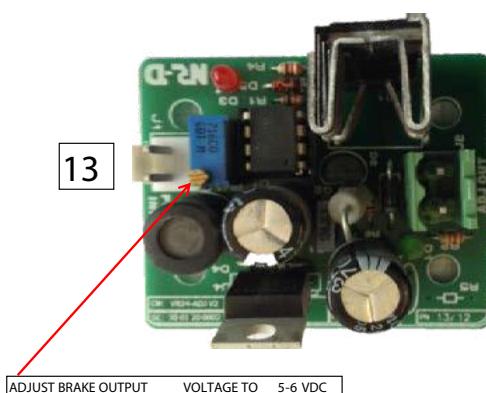


1		CABLE COLORS
DIRECTION SENSORS(PROX.SWITCH)		
1	+12Vdc	BLUE
2	Sw_b	YELLOW
3	Gnd	GREEN
4	Sw_a	RED
5	Gnd	BLACK
6	Vcc	WHITE

9		CABLE COLORS
DIRECTION SENSORS(PROX.SWITCH)		
1	+12Vdc	BLUE
2	Sw_b	YELLOW
3	Gnd	GREEN
4	Sw_a	RED
5	Gnd	BLACK
6	Vcc	WHITE

12		CABLE COLORS
DIRECTION SENSORS(PROX.SWITCH)		
1	+12Vdc	BLUE
2	Sw_b	YELLOW
3	Gnd	GREEN
4	Sw_a	RED
5	Gnd	BLACK
6	Vcc	WHITE

BRAKE VOLTAGE CONTROLLER VR -24ADJ

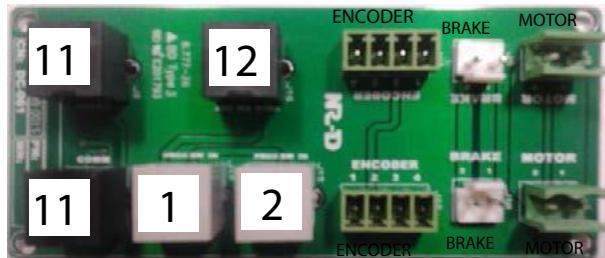


ADJUST BRAKE OUTPUT VOLTAGE TO 5-6 VDC

13		CABLE COLORS
1	2	
	1	GND
	2	+24Vdc

15		CABLE COLORS
1	2	
	1	+24Vdc
	2	GND

DC -061 DISTRIBUTION BOARD PIN CONFIG



11	
M/S COMM.	CABLE COLORS
1 2 3 4 5 6	
1 Pass Tx	WHITE
2 Main Tx	BLACK
3 Gnd	RED
4 Gnd	GREEN
5 Main Rx	YELLOW
6 Pass Rx	BLUE

ENCODER	
ENCODER DATA	CABLE COLORS
1 2 3 4	
1 Gnd	BLUE OR BLACK
2 Encoder A	YELLOW
3 +5Vdc	BROWN
4 Encoder B	WHITE

11	
Master/Slave COMM.	CABLE COLORS
1 2 3 4 5 6	
1 Pass Tx	WHITE
2 Main Tx	BLACK
3 Gnd	RED
4 Gnd	GREEN
5 Main Rx	YELLOW
6 Pass Rx	BLUE

ENCODER	
ENCODER DATA	CABLE COLORS
1 2 3 4	
1 Gnd	BLUE OR BLACK
2 Encoder A	YELLOW
3 +5Vdc	BROWN
4 Encoder B	WHITE

12	
DIRECTION SENSORS(PROX.SWITCH)	CABLE COLORS
1 2 3 4 5 6	
1 +12Vdc	BLUE
2 Sw_b	YELLOW
3 Gnd	GREEN
4 Sw_a	RED
5 Gnd	BLACK
6 Vcc	WHITE

BRAKE	
1 2	CABLE COLORS
1	GND
2	+24Vdc

BRAKE	
1 2	CABLE COLORS
1	GND
2	+24Vdc

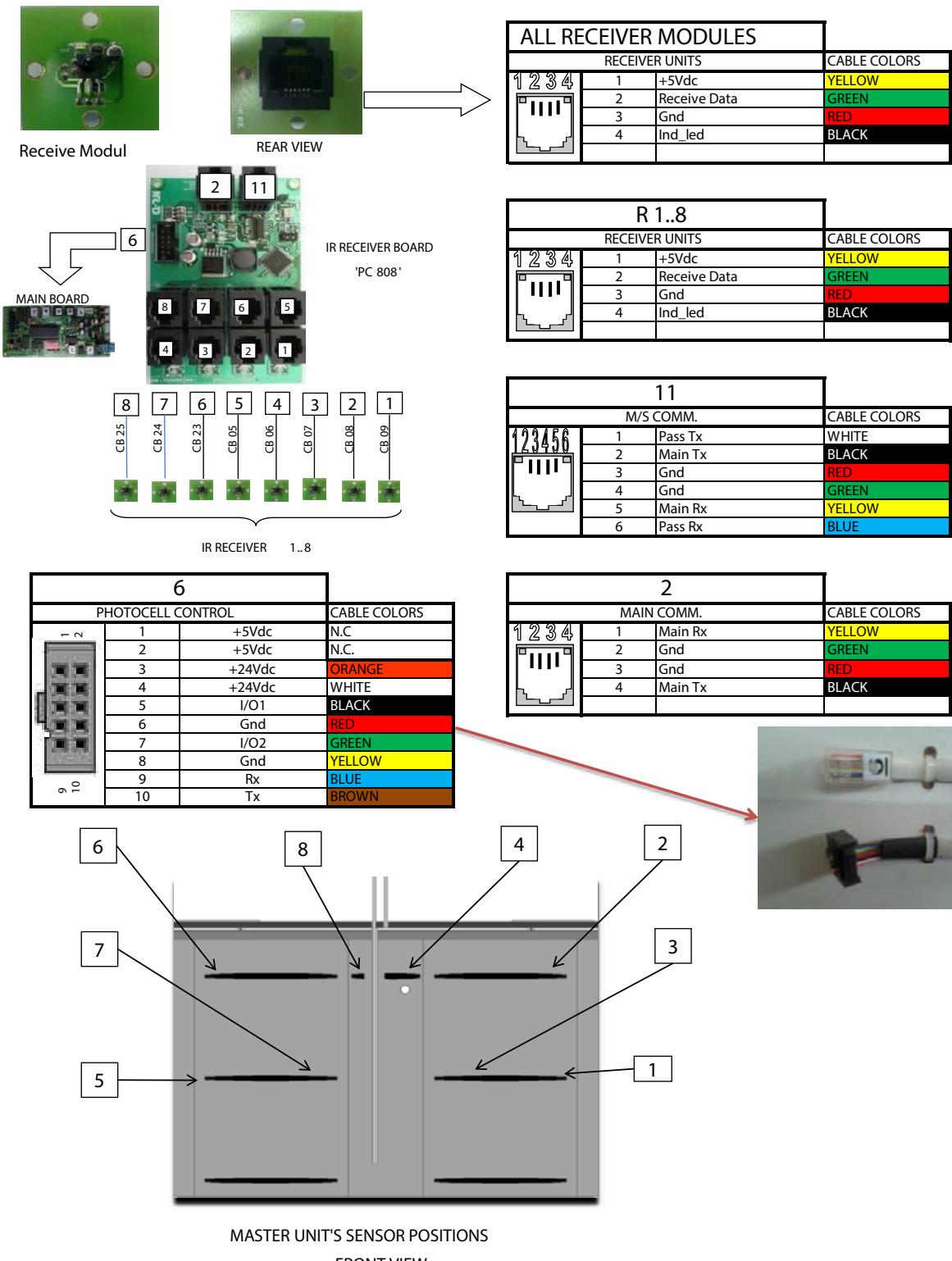
1	
A-B SIDE ARROW INDICATOR	CABLE COLORS
1 2 3 4	
1 Gnd	BROWN
2 data	BLUE
3 +24Vdc	BLACK
4 N.c.	

MOTOR	
1 2	CABLE COLORS
1	+24Vdc
2	+24Vdc

2	
B-A SIDE ARROW INDICATOR	CABLE COLORS
1 2 3 4	
1 Gnd	BROWN
2 data	BLUE
3 +24Vdc	BLACK
4 N.c.	

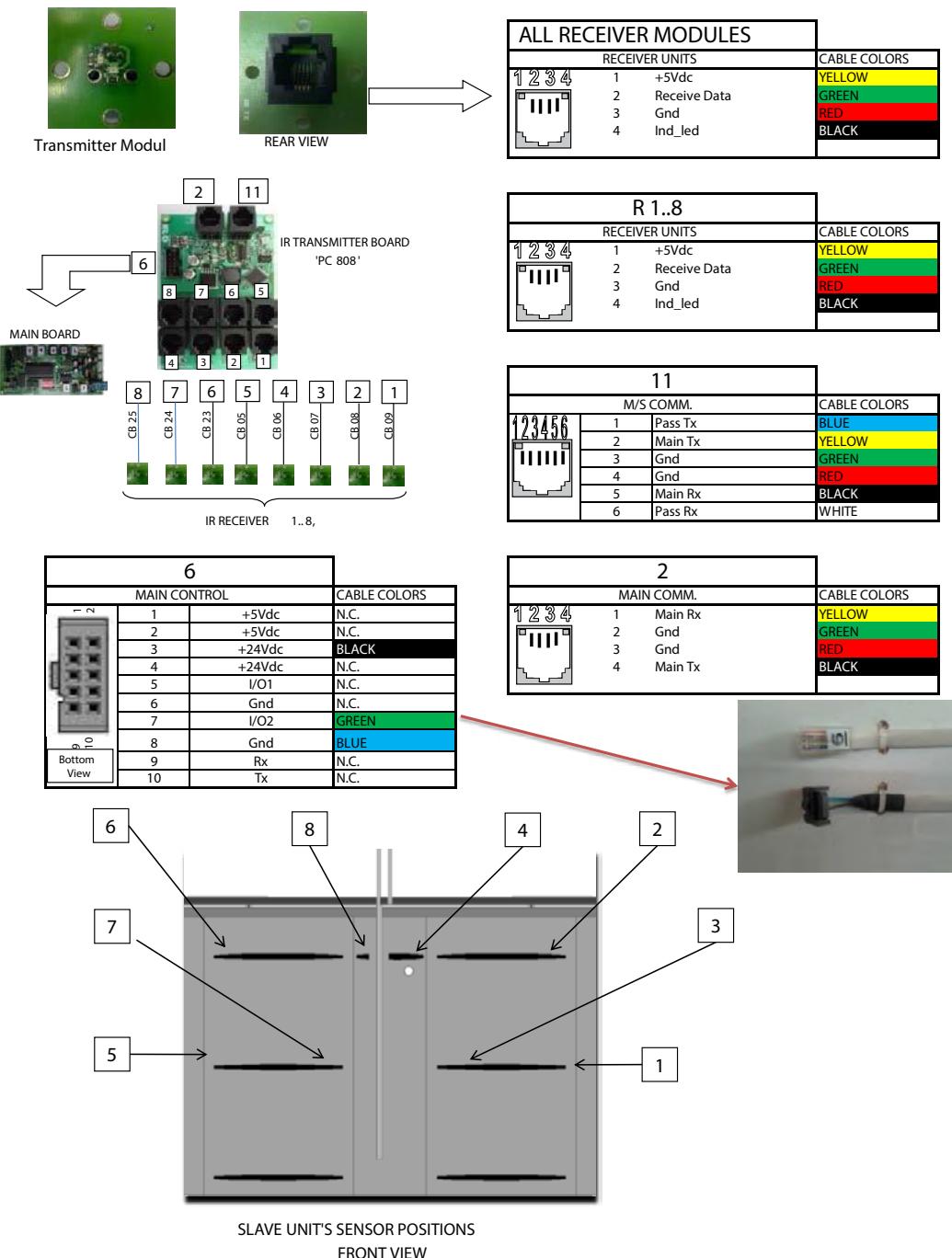
MOTOR	
1 2	CABLE COLORS
1	+24Vdc
2	+24Vdc

IR RECEIVER (MASTER UNIT)



IR RECEIVER CHECK: All red receiver status leds are steady when IR beam path is clear, they blink when IR beam is interrupted

IR TRANSMITTER (SLAVE UNIT)



SOUND /DIAGNOSTIC UNIT



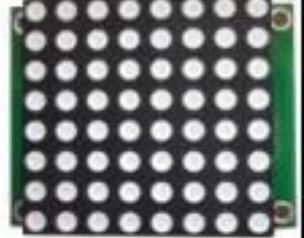
8		CABLE COLORS
SOUND/DIAGNOSTIC UNIT		
1	+5Vdc	BLACK
2	Gnd	RED
3	Rx	GREEN
4	Tx	YELLOW

Error Code Number	Description
E01	MASTER MOTOR UNPLUGGED OR CURRENT (TORQUE) CTRL ADJUSTMENT
E02	MASTER MOTOR OVER CURRENT OR CURRENT (TORQUE) CTRL ADJUSTMENT
E03	MASTER CLOSED SWITCH NOT FOUND-Check magnetic switch for closed position
E04	MASTER OPENED SWITCH NOT FOUND-Check magnetic switch for open position
E05	MASTER A-B TOP PHOTOCELL MALFUNCTION
E06	MASTER A-B BOTTOM PHOTOCELL MALFUNCTION
E07	MASTER A-B TOP PHOTOCELL MALFUNCTION
E08	MASTER A-B BOTTOM PHOTOCELL MALFUNCTION
E09	MASTER ATS (Middle) PHOTOCELL MALFUNCTION
E10	COMMUNICATION ERROR WITH PHOTOCELL BOARD
E11	SLAVE MOTOR UNPLUGGED OR CURRENT (TORQUE) CTRL ADJ
E12	SLAVE MOTOR OVER CURRENT OR CURRENT (TORQUE) CTRL ADJ
E13	SLAVE CLOSED SWITCH NOT FOUND- Check magnetic switch for closed position
E14	SLAVE OPENED SWITCH NOT FOUND Check magnetic switch for open position
E15	COMMUNICATION ERROR WITH SLAVE BOARD

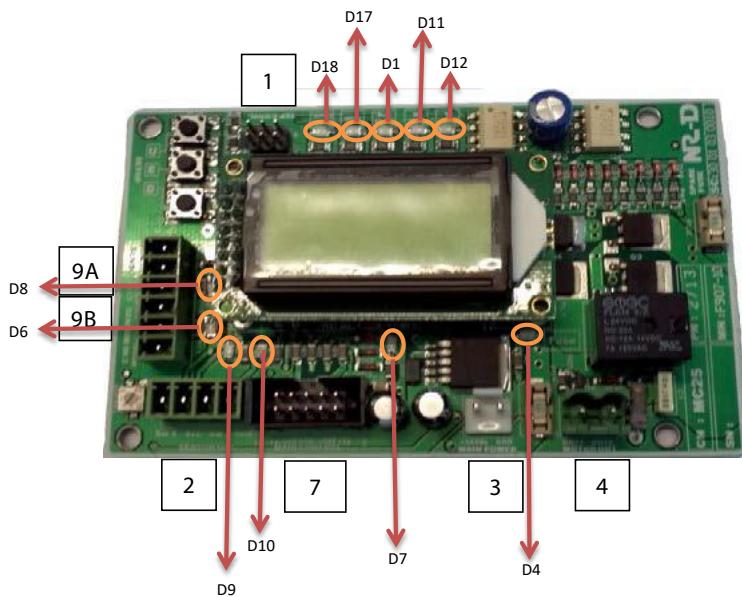
DISPLAY DRIVER UNIT



3 - 4		CABLE COLORS
DISPLAY UNIT		
1	Gnd	BLACK
2	Data (Tx)	RED
3	+24Vdc	GREEN
4	Data (Rx)	YELLOW



MOTOR DRIVER BOARD PIN CONFIG



STATUS LED DESCRIPTION	
D1-RED	MOTOR OVER TORQ
D4-YELLOW	FAULT FUSE
D6-GREEN	PROX SENSOR LED B
D7-RED	POWER LED
D8-GREEN	PROX SENSOR LED A
D9-GREEN	ENCODER LED A
D10-GREEN	ENCODER LED B
D11-GREEN	DIRECTION B LED
D12-GREEN	DIRECTION A LED
D17-YELLOW	RUN LED
D18-RED	OVER CURRENT LED



1		CABLE COLORS
EXTERNAL I/O (PRG)		CABLE COLORS
	1	Ext I/O 1
	2	+5Vdc
	3	Ext I/O 3
	4	Ext I/O 4
	5	Reset
	6	Gnd

2		CABLE COLORS
ENCODER DATA		CABLE COLORS
	1	Gnd
	2	Encoder A
	3	+5Vdc
	4	Encoder B

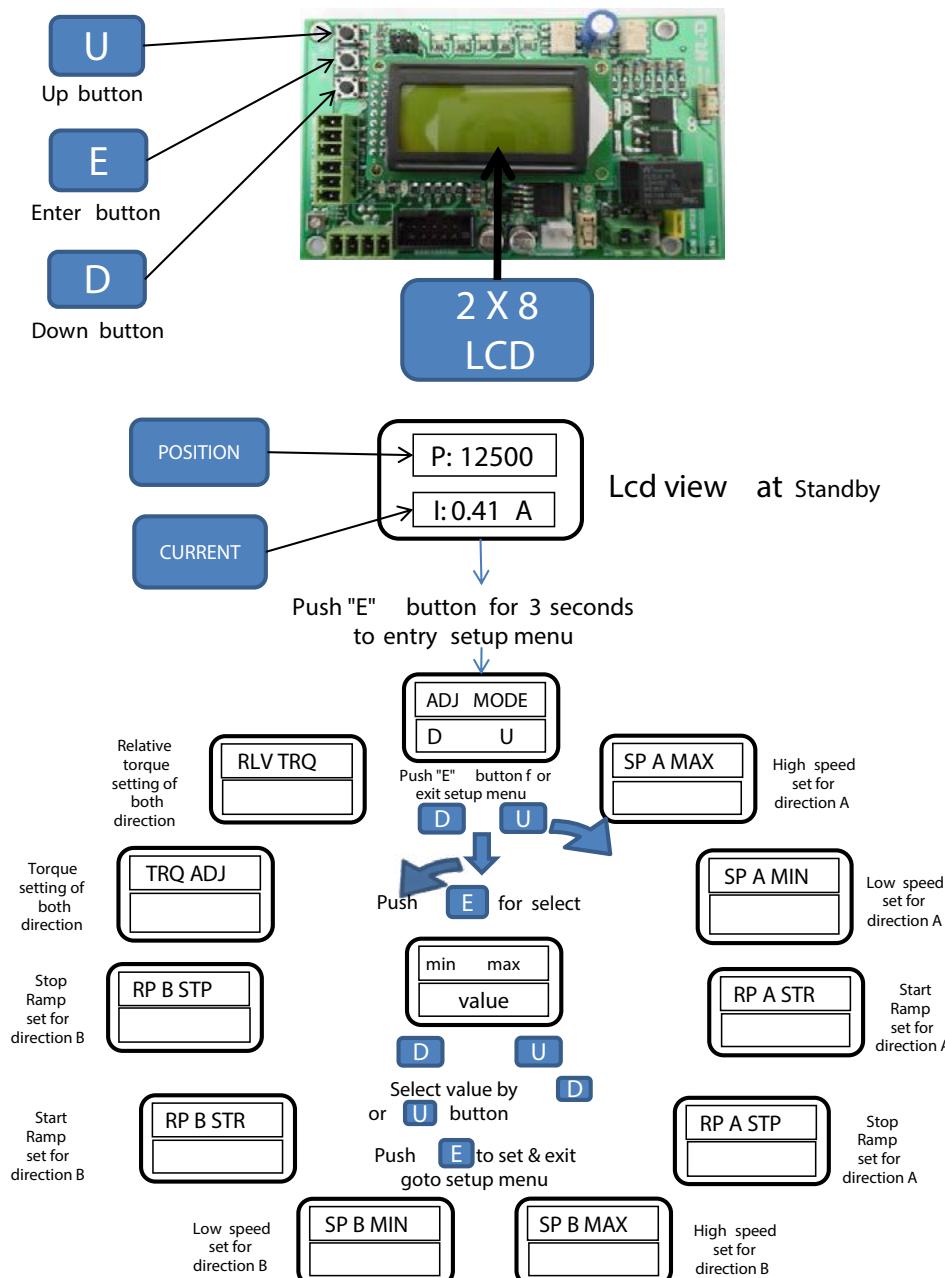
3		CABLE COLORS
Power IN		CABLE COLORS
1	2	+24Vdc
		Gnd

4		CABLE COLORS
MOTOR OUT		CABLE COLORS
	1	Motor Out (Brown)
	2	Motor Out (Blue)

7		CABLE COLORS
MAIN CONTROL		CABLE COLORS
	1	+5Vdc
	2	+5Vdc
	3	+24Vdc
	4	+24Vdc
	5	I/O1
	6	Gnd
	7	I/O2
	8	Gnd
	9	Rx
	10	Tx

9		CABLE COLORS
SENSOR DATA		CABLE COLORS
	1	+24Vdc
	2	Proximity Sensor A
	3	Gnd
	4	+24Vdc
	5	Proximity Sensor B
	6	Gnd

MOTOR DRIVER CONTROL MENU



Checking Motor Encoder: P (Position) values increase as wing moves out. P=0 at full open position. P=MAX value when closed.
Motor and brake may be unplugged to move wing for testing purposes.

CAUTION! Mechanism should be checked to be free and smooth before changing settings on the motor driver board.

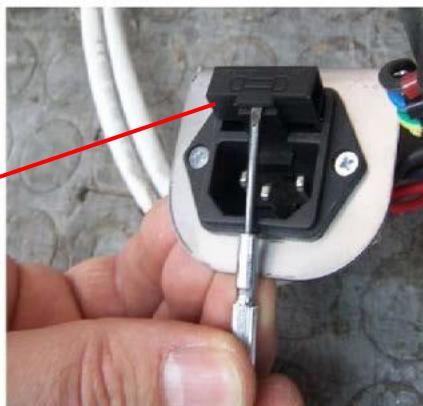
SMPS UNIT

24VDC-6.5 AMP

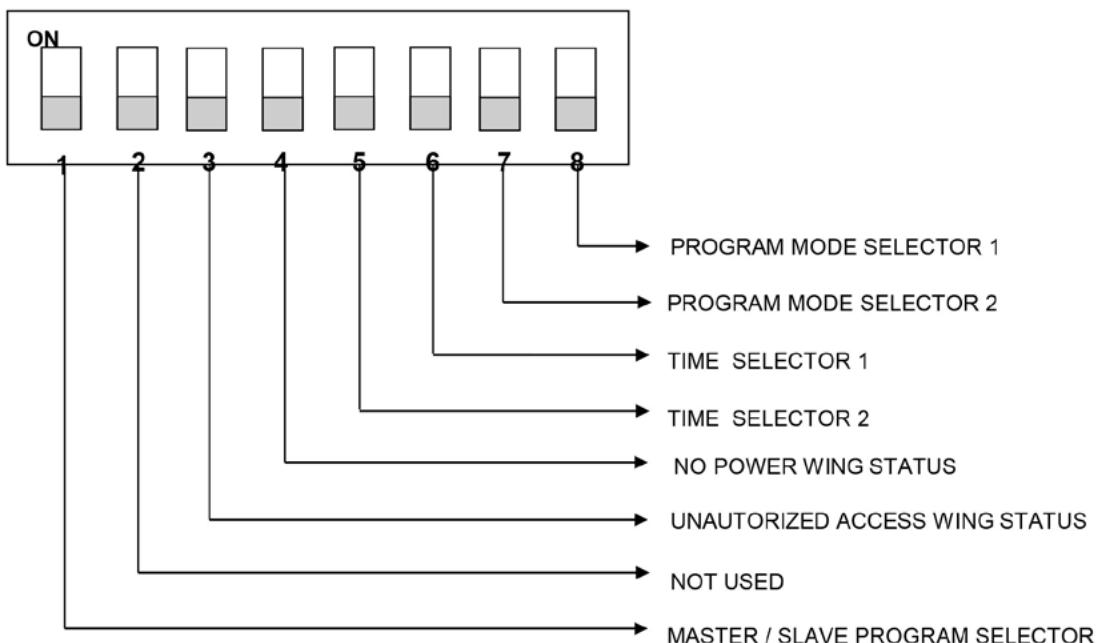


MAIN POWER		CABLE COLORS		
SMPS POWER CABLE		1	+24Vdc	BLUE
1		2	+24Vdc	GRAY
2		3	Gnd.	BROWN
3		4	Gnd.	BLACK

Fuse Replacement



DIP SWITCH CONFIGURATIONS



MASTER / SLAVE PROGRAM SELECTION	
SW	EXPLANATION
1	ON In Slave Unit Must Be Always ON
OFF	In Master Unit Must Be Always OFF

UNAUTHORIZED ACCESS WING STATUS	
SW	EXPLANATION
3	OFF Unauthorized Access , Wing Stays Open with alarm
ON	Unauthorized Access , Wing Closes! (Risk of damage or injury)

NO POWER WING STATUS	
SW	EXPLANATION
4	OFF Wing Stays Open When Power Is Off (Free Pass)
ON	Wing Stays Closed When Power Is Off

TIME SELECTION		
SW	SW	EXPLANATION
5	OFF	Entry Time Out 12 Seconds
ON	OFF	Entry Time Out 8 Seconds
OFF	ON	Entry Time Out 4 Seconds
ON	ON	Entry Time Out 2 Seconds

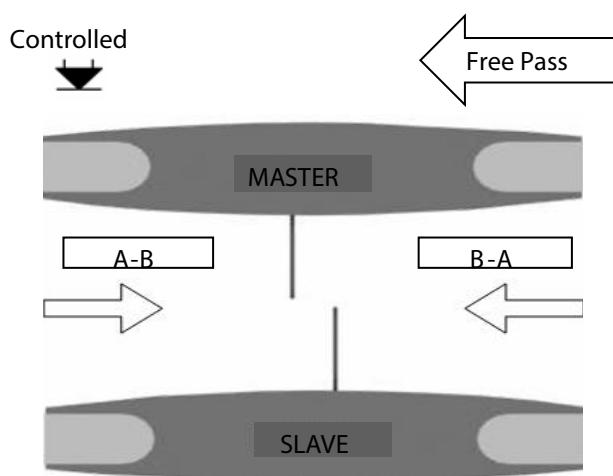
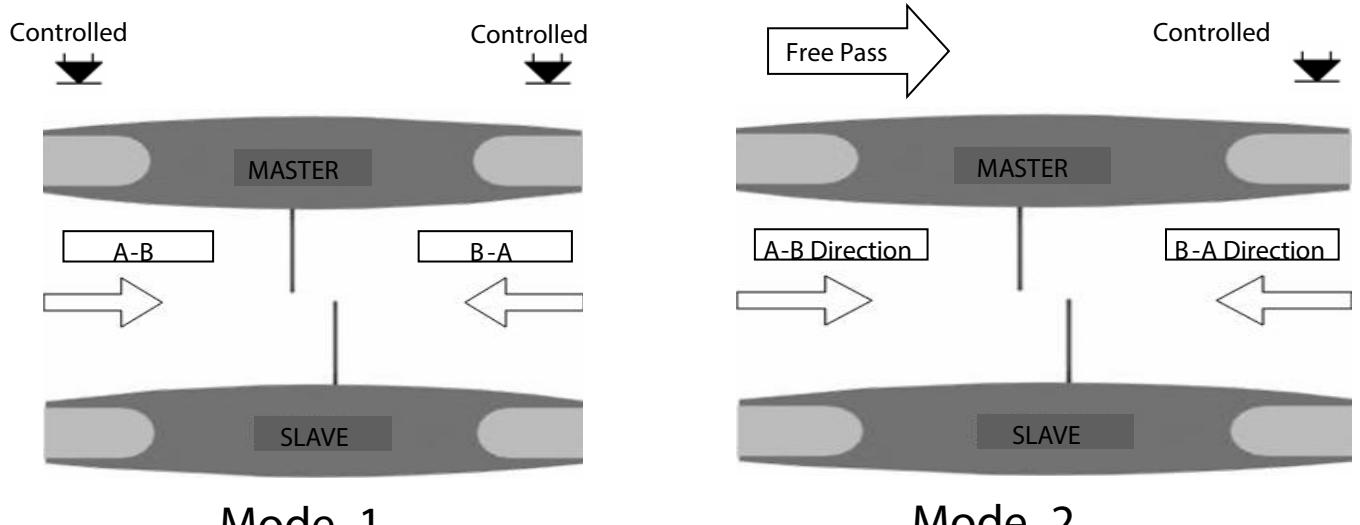
PROGRAM MODE SELECTION		
SW	SW	EXPLANATION
7	OFF	Passage With Standard Button Control
ON	OFF	NOT ASSIGNED
OFF	ON	A-B Direction :Free Passage With Photocell , B-A Direction :Controlled Access
ON	ON	B-A Direction :Free Passage With Photocell , A-B Direction :Controlled Access

* For Only Master Unit
* For Details Refer To
OPERATION FUNCTIONS

DIP SWITCH CONFIGURATIONS

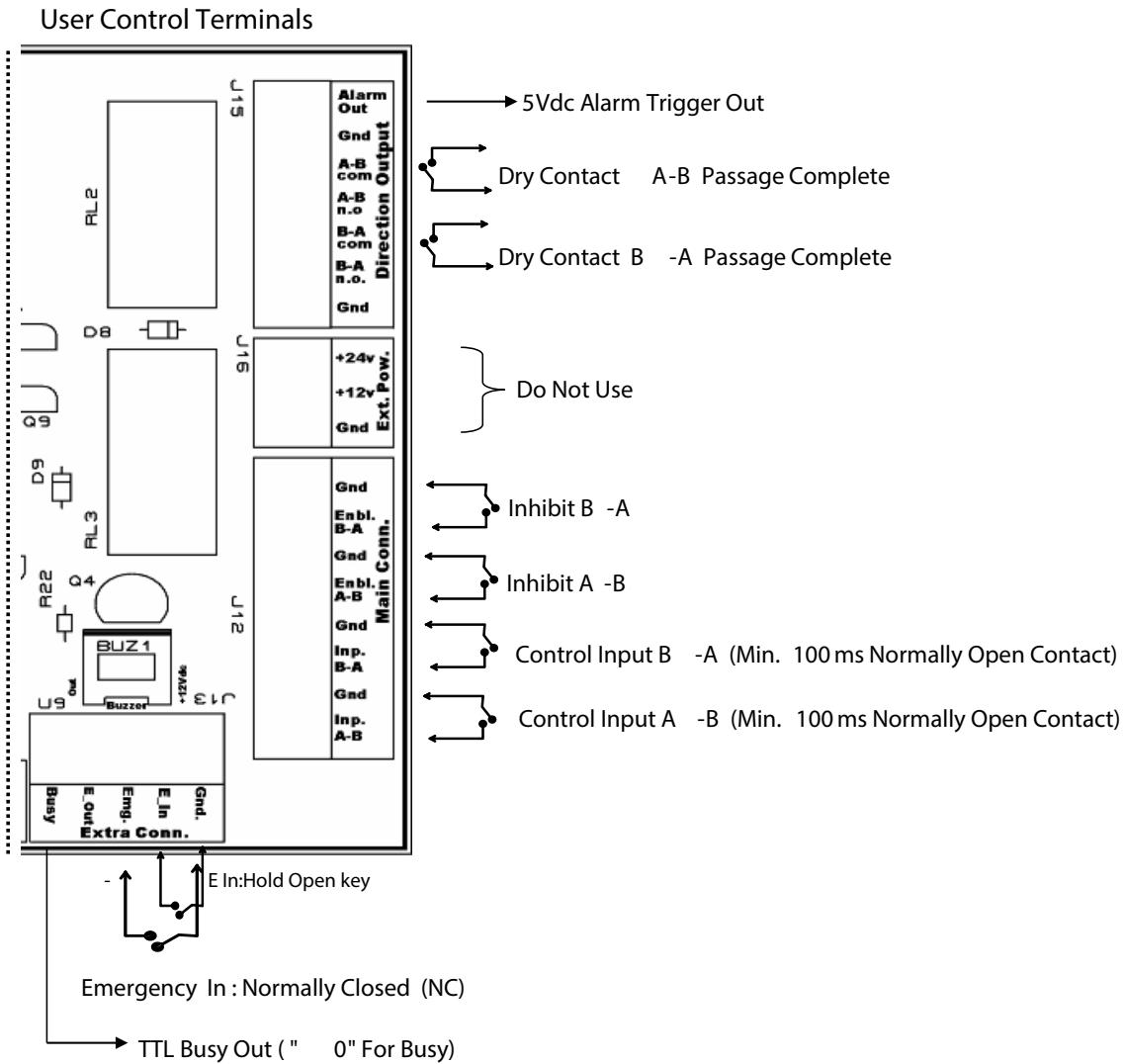
PROGRAM MODE SELECTION (MASTER SIDE)			
	SW 7	SW 8	EXPLANATION
MODE 1	OFF	OFF	Passage With Standard Button Control
NO MODE	ON	OFF	no mode
MODE 2	OFF	ON	A-B Direction :Free Passage With Photocell , B-A Direction :Controlled Access
MODE 3	ON	ON	B-A Direction :Free Passage With Photocell , A-B Direction :Controlled Access

SLAVE SIDE SW 8		
	ON	Fast free passage mode (unrestricted)
	OFF	Free passage one person at a time



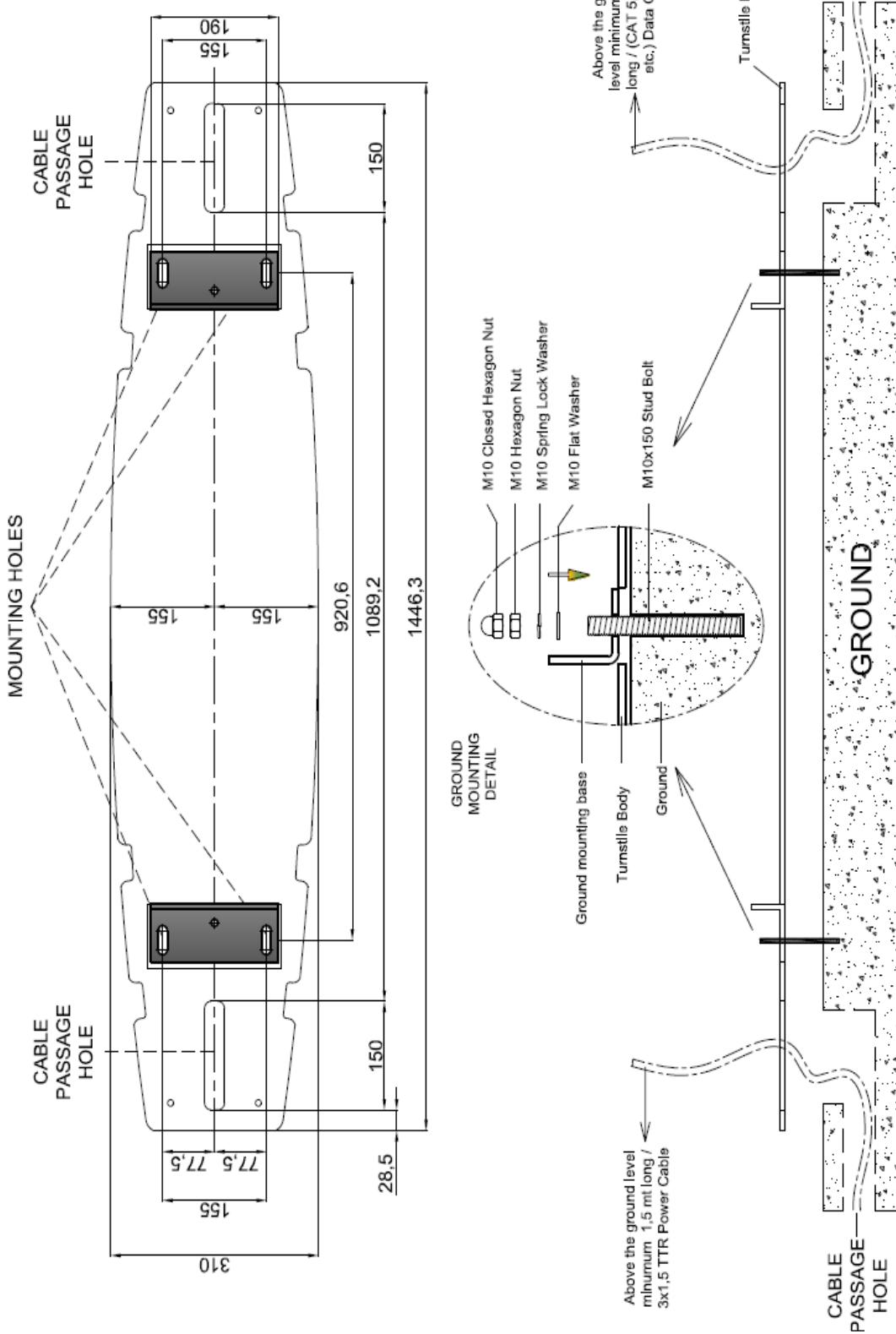
Mode 3

USER CONTROL TERMINALS



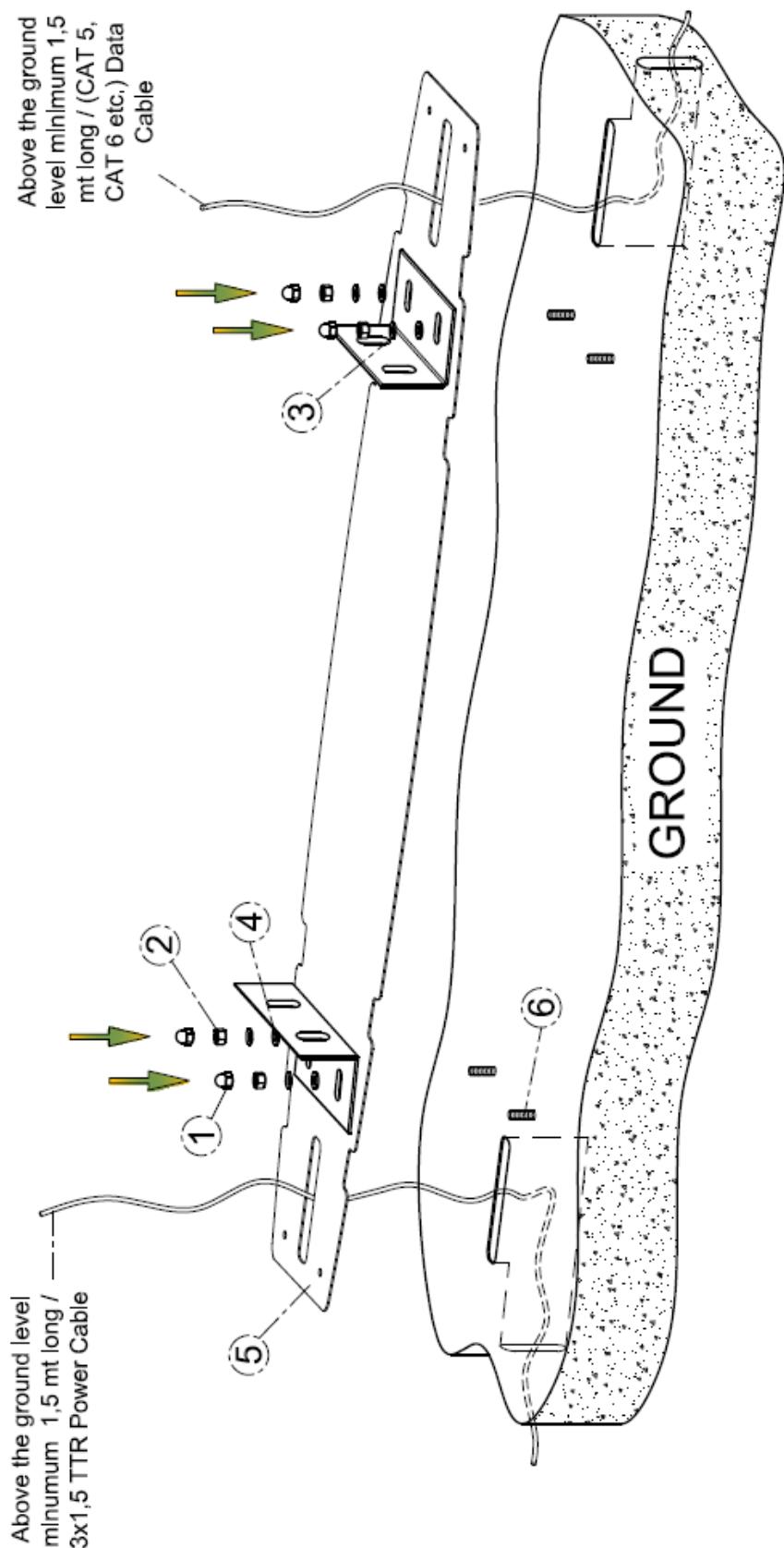
All dimensions are "mm"

SURFACE MOUNTING INFORMATION

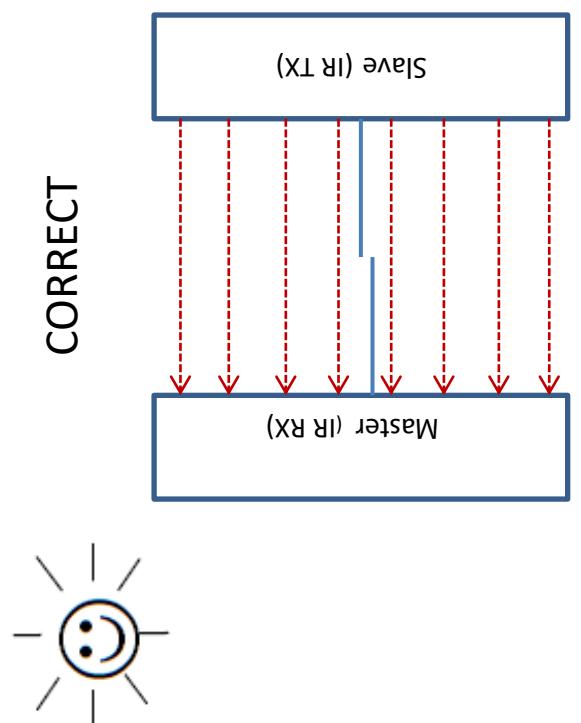
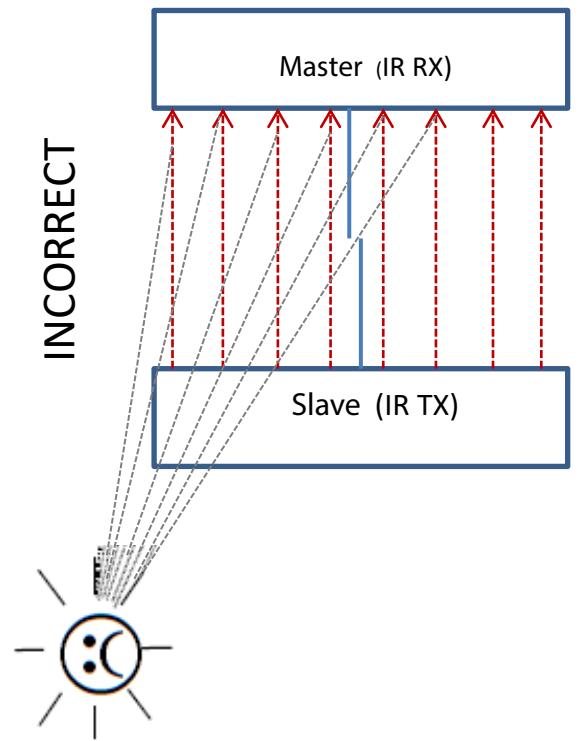


PLEASE DO NOT SCALE FROM THIS DRAWING. WORK ONLY FROM FIGURED DIMENSIONS. DESIGNED BY POLIMEK TURNSTILE. ALL RIGHTS RESERVED.
CAUTION! Drawing is for general information. Actual dimensions may vary according to model. Use template provided with unit for drilling.

ANCHORING



Part No	Part Name	Pieces
1	M10 Closed Hexagon Nut	4
2	M10 Hexagon Nut	4
3	M10 Spring Lock Washer	4
4	M10 Flat Washer	4
5	Sliding Gate Turnstile Body	1
6	M10x150 Stud Bolt	4



Avoid direct sunlight or other IR light sources that could interfere with the IR receivers inside Master unit!

9. CE DECLARATION OF CONFORMITY AND WARRANTY

9.4 CE Declaration of Conformity

CE UYGUNLUK DEKLARASYONU / CE DECLARATION OF CONFORMITY



ÜRETİCİ FIRMA/ : POLIMEK ELEKTRONİK A.Ş
MANUFACTURER COMPANY
ADRES/ADDRESS : A.O.S.B. 10024 SK. NO: 9 ÇİĞLİ/İZMİR/TURKEY

Aşağıda adı geçen ürünlerin üretimi, kontrolü ve son değerlendirmeleri POLIMEK tarafından gerçekleştirilmektedir.
Manufacturing, control and final assessment of the below mentioned products are done by POLIMEK

ÜRÜN LİSTESİ/LIST OF PRODUCTS

Açıklamalar/Explanations: TURNİKELER (BEL TIPI TURNİKELER / BOY TIPI TURNİKELER / HIZLI GEÇİŞ TURNİKELERİ /
ENGELLİ GEÇİŞ TURNİKELERİ / YÜKSEK GÜVENLİK TURNİKE VE KAPILARI / YARIM BOY TURNİKELER /
GEÇİŞ KAPILARI / SPC ÖZEL DİZAYN TURNİKELER / SERBEST GEÇİŞ TURNİKELER)

TURNSTILES (WAIST HEIGHT TURNSTILES / FULL HEIGHT TURNSTILES /
SPEED GATES TURNSTILES / REVOLVING WING GATES TURNSTILES /
SECURITY DOORS AND TURNSTILES / HALF HEIGHT TURNSTILES / PEDESTRIAN GATES /
SPECIAL DESIGN TURNSTILES / FREE PASSAGE (RETAIL LINE) TURNSTILES)

İlgili Direktifler/Relevant Directives:

(2006/42/EC) Makine Emniyet Yönetmeliği / Machine Safety Directive,
(2014/35/EU) Alçak Gerilim Yönetmeliği / Low Voltage Directive

HARMONIZE STANDARTLAR'a Göre Uygulanmış Yönetmelikler/ :EN ISO 12100:2010, EN 60204-1:2006+A1:2009/AC:2010,
Regulations applied according to HARMONIZED STANDARDS EN ISO 13857:2008, EN ISO 14120:2015, EN 349:1993+A1:2008.

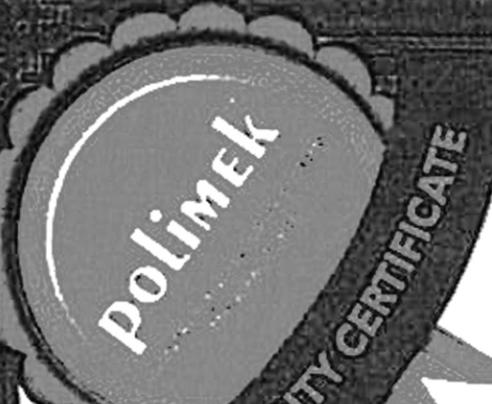
POLIMEK ELEKTRONİK A.Ş. yukarıda listesi verilen ürünlerin 2006/42/EC Makine Yönetmeliği 2014/35/EU Alçak Gerilim Yönetmeliği ve ilgili harmonize standartların gerekliliklerini sağladığını ve uygunluğunu beyan eder.

POLIMEK ELEKTRONİK A.Ş. hereby declare that the above listed products satisfy and comply with the requirements of Harmonised Standards for 2006/42/EC Machinery Directive and 2014/35/EU Low Voltage Directive.

İsim/Name : MESUT POLAT
Yer ve Tarih/Place and Date : İZMİR / 13.07.17
Ünvan/Title : GENEL MÜDÜR/GENERAL MANAGER
İmza/Signature

Polimek®

WARRANTY CERTIFICATE



Polimek

WARRANTY CERTIFICATE

The warranty period starts from the delivery date of the goods and is 1 (one) year. All parts of the goods and the products itself are under our company's warranty.

In case of failure of the goods during the warranty period, the period of repair is added to the warranty period. The repair period of the goods is up to 30 working days. This period starts from the date of notification to the service station of the defective goods, if the service station is not available to one of the sellers, dealers, agents, representatives, importers or manufacturers of the goods.

In case of failure of the product due to both material and workmanship and installation errors during the warranty period, products shall be repaired without any charge for the replacement part or labour cost.

Malfunctions caused by the usage of the product beside explained in the user manual are not covered by the warranty.



CEO



polimek®

CONTROL AND SECURITY SYSTEMS MANUFACTURER

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