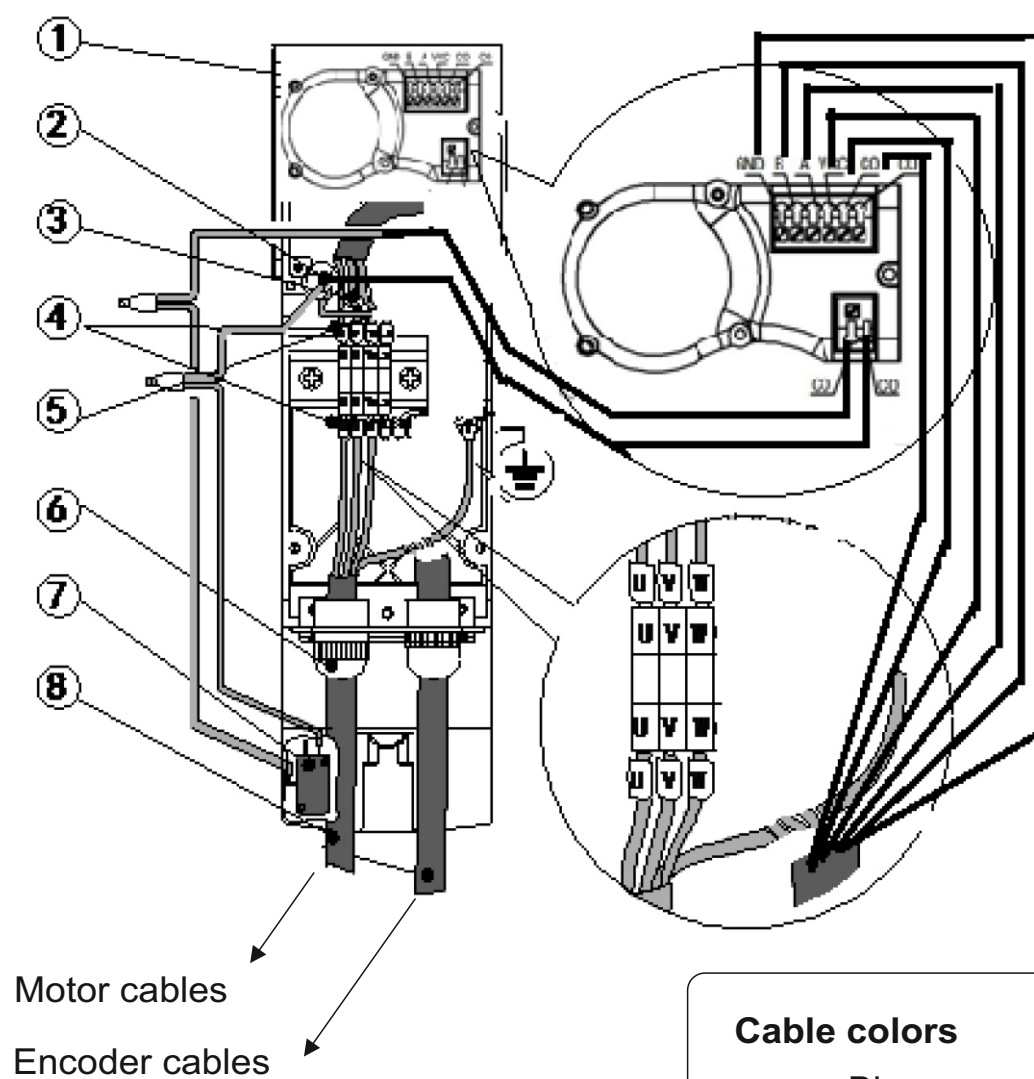


GYK-92SY CONTROL UNIT



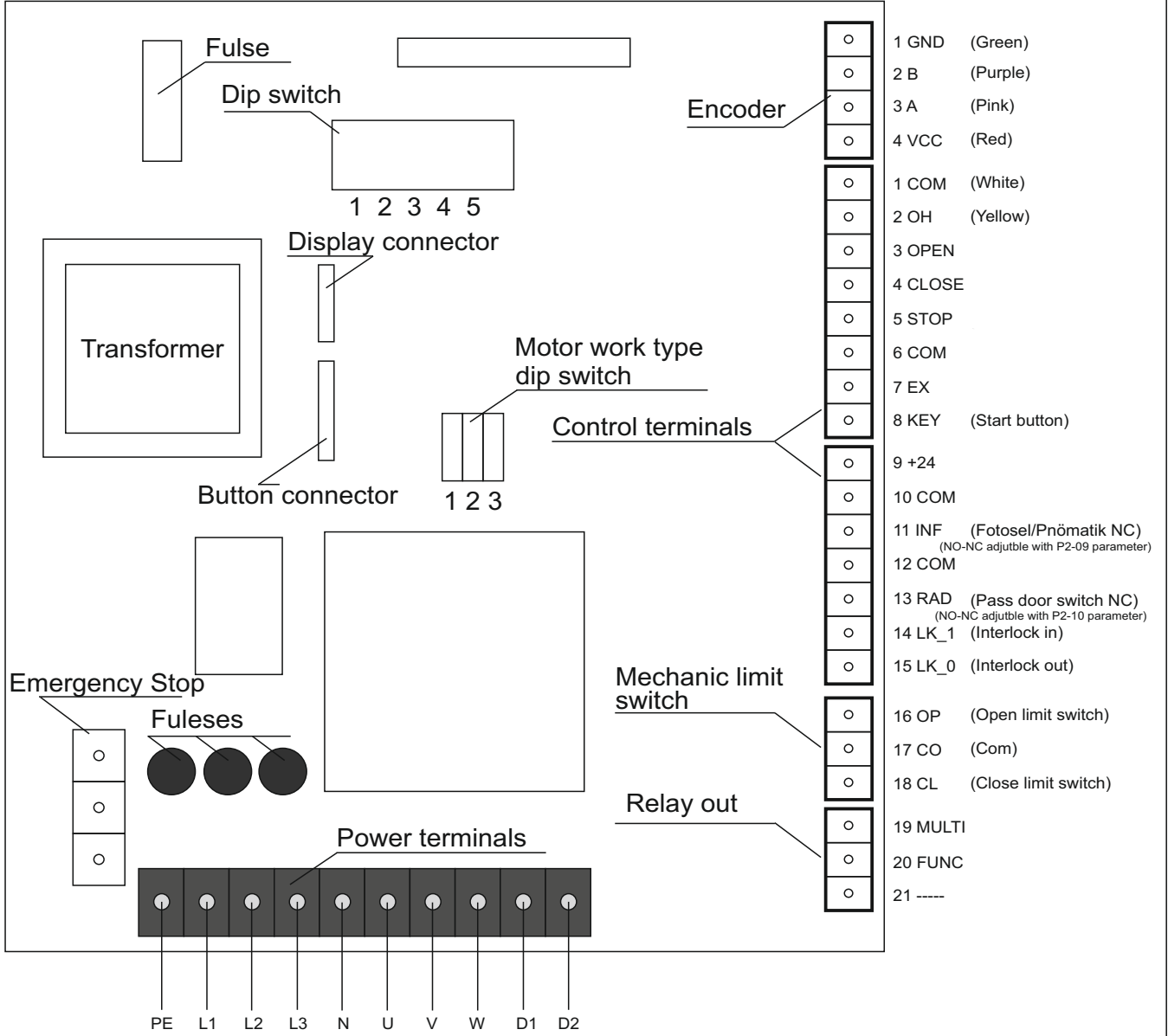


Cable colors

U	Blue
V	Brown
W	Black
PE	Yellow/Green

GND	Green
B	Purple
A	Pink
VCC	Red
COM	White
OH	Yellow

Kontrol Ünitesi Bağlantıları



PE	GND
L1	FAZ1
L2	FAZ2
L3	FAZ3
N	NOTR
U	MOTOR (Blue)
V	MOTOR (Brown)
W	MOTOR (Black)

ON	
OFF	
	1 2 3

- On= Mechanic limit switch modu
Off= Electronic limit switch modu
- On= Deadman work
Off= Automatic work
- On= Automatic close active
Off= Automatic close passive

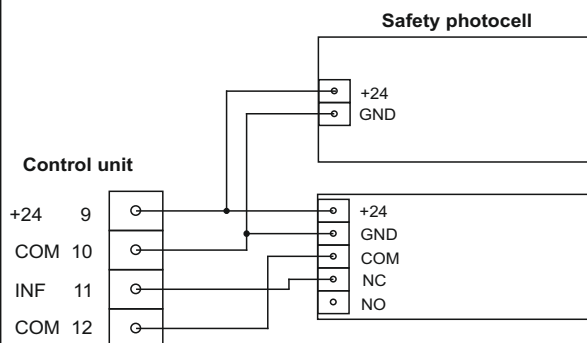
ON	
OFF	
	1 2 3 4 5

- On= Fine tuning of opening
Off= Fine tuning of closing
- On= Increases encoder pulse count by 15 more turns
Off= Additional 15 pulse turns off
- On= Remote control works with one button
Off= Remote control works with three buttons
- On= Phase sequence detection passive
Off= Phase sequence detection active

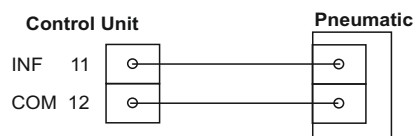
NOTE: Dip switches 2 and 3 operate in mechanic limit switch mode. Dip switch number 3 works only in electronic switch mode and must be in the ON position. In order for the automatic shutdown to work, it must be activated with the REW button.

Accessory connections

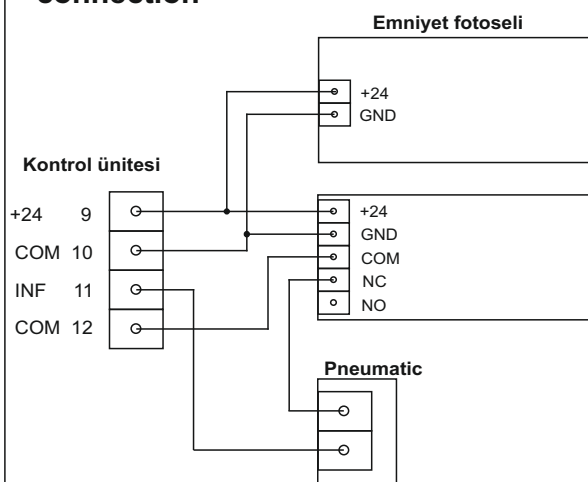
Safety Photocell connection



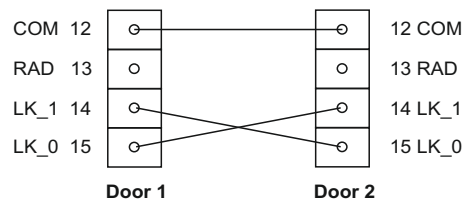
Pneumatic connection

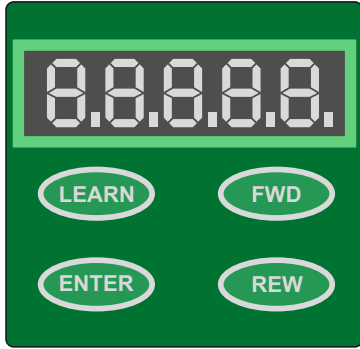


Safety photocell with pneumatic connection



Airlock connection





LEARN : Learning the operating limit or changing digits on the screen button

ENTER : Confirmation or function entry button

FWD : Artırma veya parametre değeri arttırma butonu

REV : Reduce or transform button
(auto-off active/passive selection in electronic switch mode)



In normal operation after limit identification, The numbers on the left of the line are between 0-100 percent of the door (%) indicates how many are open, the odd number to the right of the line the number indicates with which command the door works;

Çalışma talimatı rakamları (X)	
No	Working instruction
1	Stop
2	Open
3	Close
4	Photocell
5	PassDoor switch
6	One buton
7	Partial open btn.
8	Interlock

Automatic Closing

If you hold down the REW button for 3 to 6 seconds, automatic shutdown on the digital display You can change the mode. Triple dipswitch for automatic shutdown Dip switch number 3 on it must be in the ON position.



3-6 sc. press push



Automatic closing passive



Automatic closing active

To enable or disable automatic shutdown turn DipSW 3 off, after selecting automatic closing with the REW button, set DipSW 3 to ON again.

The automatic shutdown waiting time is 10 seconds in factory settings. Automatic with REW button. It is activated when you activate the shutdown. You can set the waiting time from parameter P1-01 to 1-600 sec. You can change between.

Introduction of operating limits

NOTE : Since the limit is not yet introduced when the control unit is energized.
ERR03 error code is written on the screen.

1. Keep the LEARN button pressed, release when L0 appears on the screen.



2. Press and release the ENTER button, the encoder pulse status number will appear on the screen.



3. Open the door completely by keeping the FWD button pressed, release the button when the door opens. Use the FWD and REW buttons to set the exact location of the door opening point.



4. Press and release the ENTER button, while the opening point of the door is being recorded, L1 will appear on the screen.



5. Press and release the ENTER button again, the encoder pulse status number will appear on the screen.



6. Close the door completely by keeping the REW button pressed, release the button when the door is closed. Use the FWD and REW buttons to set the exact location of the door closing point.



7. Press and release the ENTER button, the closing point of the door is recorded on the screen. L2 text will appear.



L2 is the partial opening setting. If you do not want to set the partial opening distance, LEARN you can exit the limit registration settings by pressing the button.

If you want to set the partial opening distance, while typing L2 on the screen press and release the ENTER button . Press and hold the FWD button to partially open the door. Release the button when you want it to stop. Pressing the ENTER button save the partial opening point.

Parameters

There are three parameter groups as P1, P2 and P3 parameters. Change your setting after specifying the parameter you want from the relevant table, you can enter the parameter setting program. Please login. The password in the input part of each parameter is different, at the beginning of the relevant tables input passwords.

Parameters input:

1. Press push for 3 seconds ENTER button . Release button when P1 appears on the screen.



2. Select the parameter you want to adjust using the FWD and REV buttons and press and release the ENTER button.

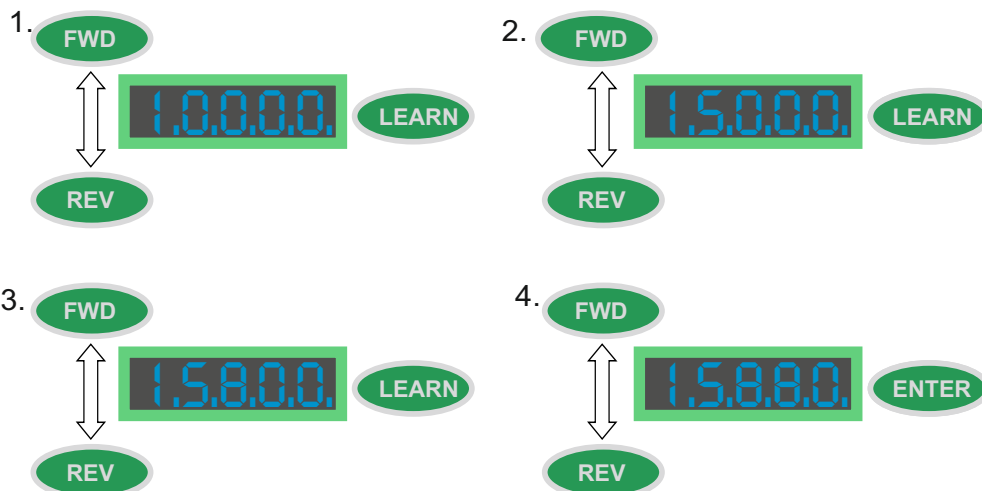


The parameter password section will open on the screen.



Parameter password input:

Select the number with the FWD and REV buttons and switch to the side digit by pressing the LEARN button once. Repeat this process until you have entered the entire password and finally press the ENTER button once.



Parameters

P1 password: 1588			
No	Explanation	Adjustable	Factory settings
P1 - 01	Automatic close pause time	1 - 600 sn	10
P1 - 02	Multifonction out 1	0= Passive 1= Close 2= Open 3= Continually 4=Air curtain 5= Alarm	0= Passive
P1 - 03	Interlock	0= Passive1= Active	0= Passive
P1 - 04	Open limit advance	0 - 200	30
P1 - 05	Close limit advance	0 - 200	30
P1 - 06	Open overshoot alarm	10 - 200	80
P1 - 07	Close overshoot alarm	10 - 200	80
P1 - 08	Infrared cutting distance	1 - 1500	50
P1 - 09	Up limiting limit	Up limiting data setting	Just read
P1 - 10	Down limiting limit	Down limiting data setting	Just read
P1 - 11	Partial limiting limit	Partial limiting data setting	Just read
P1 - 12	Factory reset	0 - 1	0

Parameters

P2 password: 8851			
No	Explanation	Adjustable	Factory settings
P2 - 01	Uptime protection	60S - 200S (Closed after 200S)	60
P2 - 02	Rotor time-locked	10 - 70 (Closed after 70)	70
P2 - 03	Rotor pulse-locked	5 - 50	30
P2 - 04	Inversion time	3 - 10	4
P2 - 05	Open point function	0=Continually 1 = Point	0
P2 - 06	Close point function	0=Continually 1 = Point	0
P2 - 07	Mechanic limit switch	0= NO 1= NC	0
P2 - 08	Stop	0= NO 1= NC	0
P2 - 09	Photocell	0= NO 1= NC	1
P2 - 10	Pass door switch	0= NO 1= NC	1
P2 - 11	Multifonction out 2	0= Passive 1= Close 2= Open 3= Continually 4=Air curtain 5= Alarm	0= Passive
P2 - 12	Factory reset	0 - 1	0

Parameters

P3 password: 00000 (Service mode)			
No	Explanation	Adjustable	Factory settings
P3 - 01	Password change	0 - 99999	00000
P3 - 02	Set runtime (days)	0 - 99999	99999
P3 - 03	Set number of runs	0 - 99999	99999
P3 - 04	View total elapsed time (days)	0 - 99999	(present tense)
P3 - 05	View number of runs	0 - 99999	(present number)
P3 - 06	Show more than 10,000 studies	0 - 99999	(present number)

Error codes		
Error code	Explanation	Error causes
ERR01	No power	380V üç fazlı - L2 terminalinde faz yok
ERR02	Encoder not connected	Check encoder cable
ERR03	The limit is not normal	Limit not set or set limit exceeded
ERR06	More work beyond the limit	Reset uptime or settings
ERR07	Motor blocked	Reset by pressing the ENTER button
ERR09	Motor heat protection	Wait until the motor has cooled
ERR010	Pass door not normal	Check the wiring
ERR011	Uptime error	Run time exceeds set value