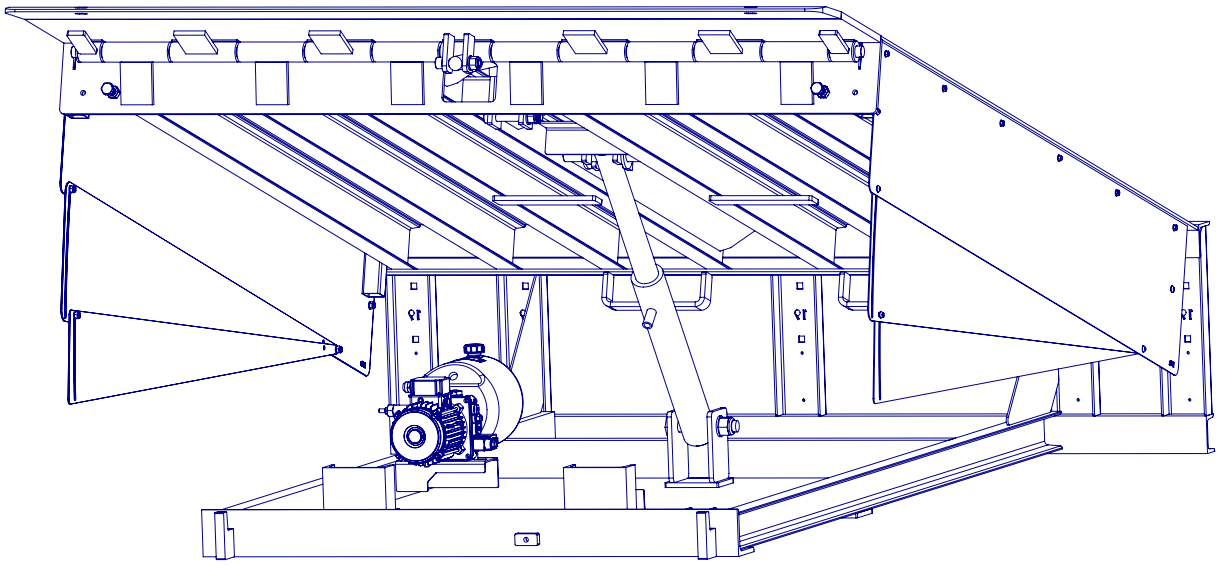
ELECTRICAL SUBMITTAL PACKAGE

KH - HYDRAULIC DOCK LEVELER

ALAPONT LOGISTICS SOLUTIONS USA



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1. CONTROL PANEL AND WIRING

Alapont Logistic Solutions USA have two options for the electrical panel:

1. Standard simple

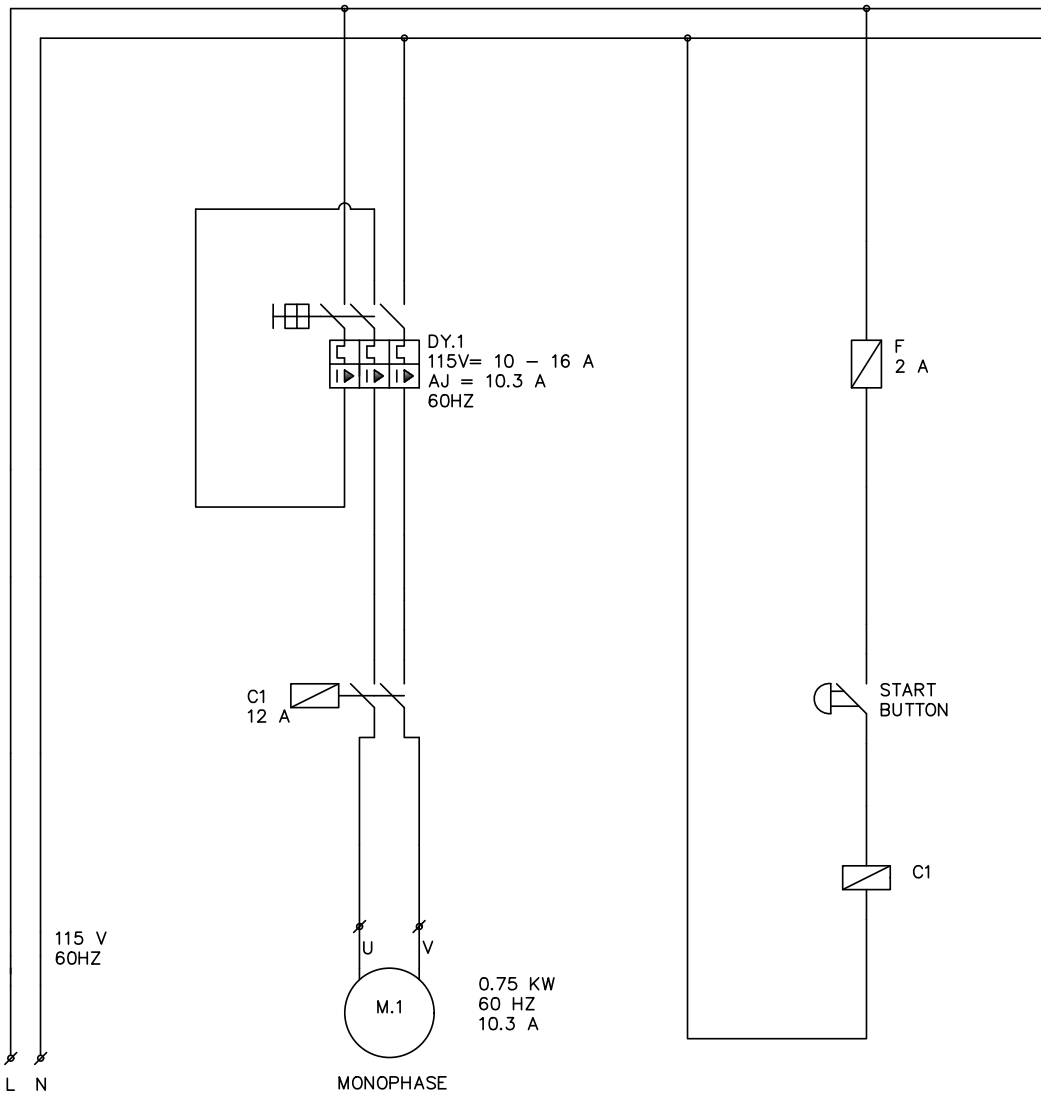
2. Standard Complete

Electrical Data

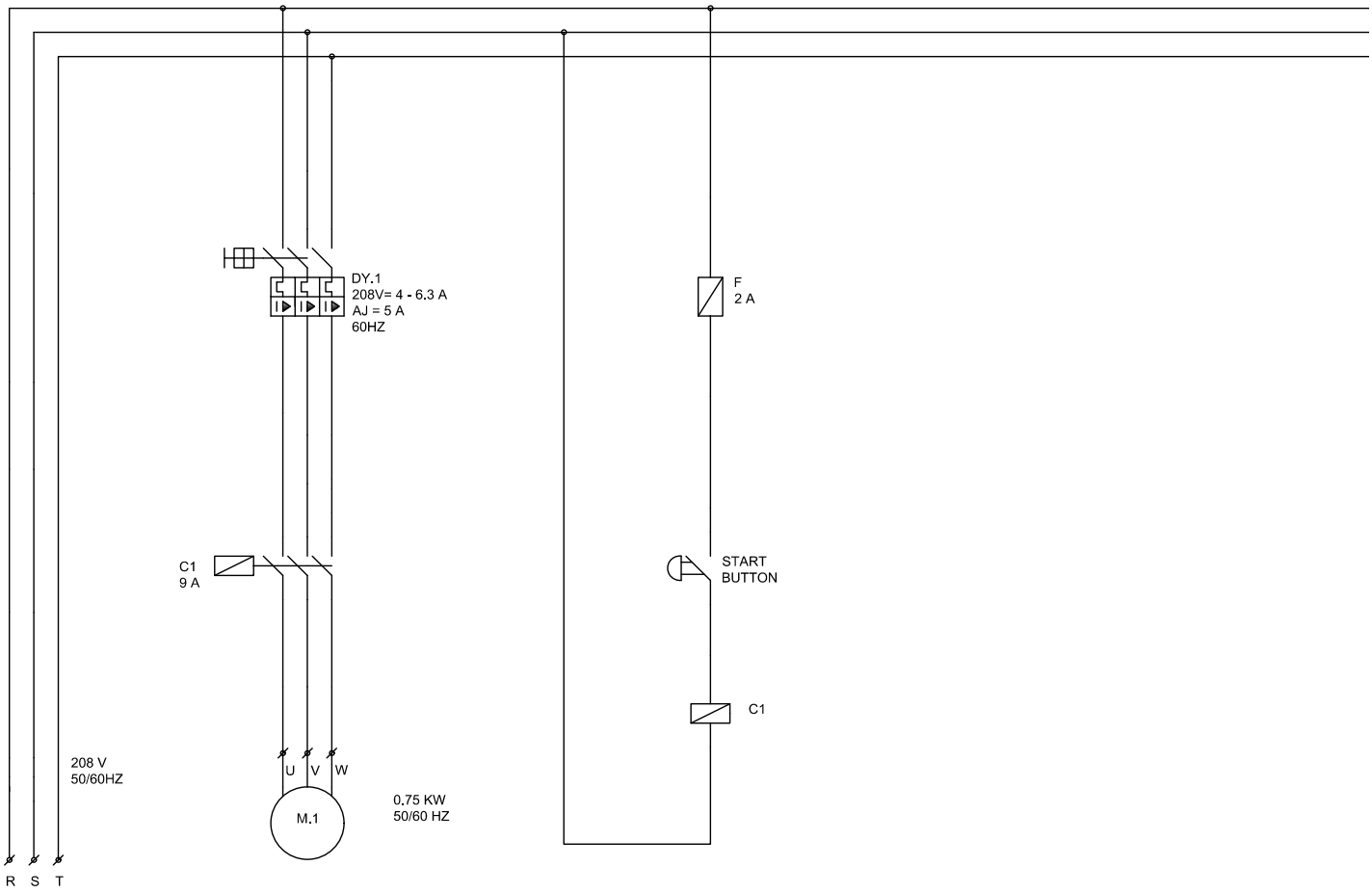
SUPLY VOLTAGE	115V 1Ph
	230V 1Ph
	230V 3Ph
	460V 3Ph
NOMINAL CURRENT	10.3 A
DEGREE OF PROTECTION	IP64

1.1 STANDARD SIMPLE CONTROL PANEL

1.1.2 ELECTRICAL DATA **115V / 1 PHASE /60HZ**

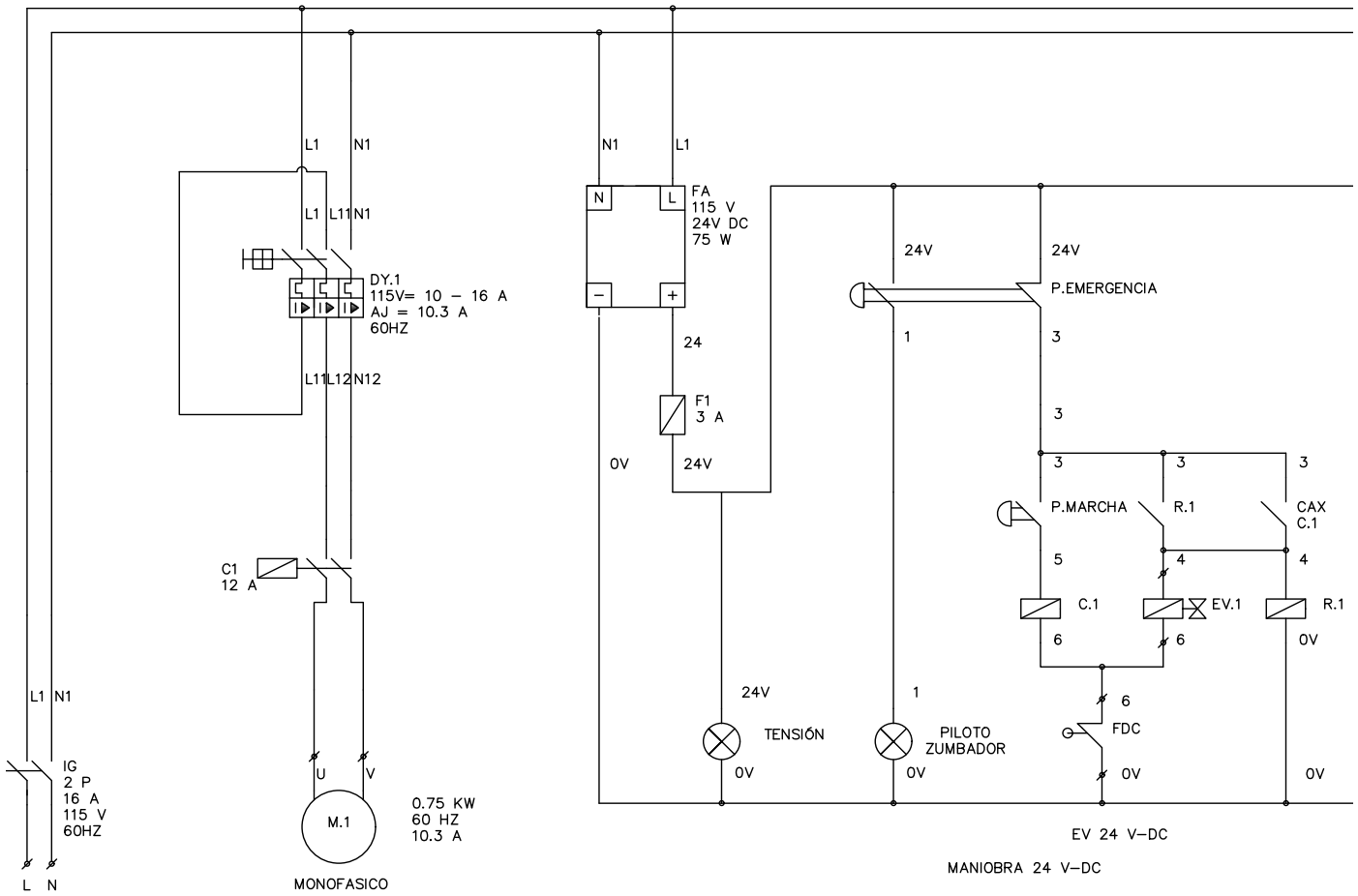


1.2.2 ELECTRICAL DATA **230V / 3 PHASE /60HZ**



1.2 STANDARD COMPLETE CONTROL PANEL

1.2.1 ELECTRICAL DATA **115V / 1 PHASE /60HZ**



2. ELECTRICAL INSTALLATION PROCESS

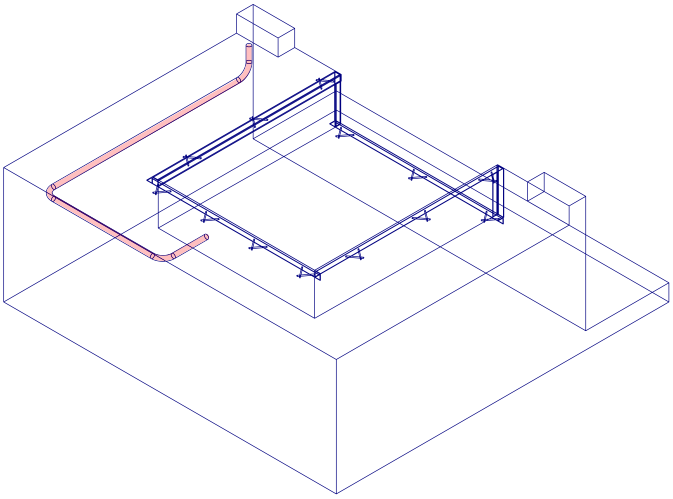
Note: To ensure operator safety during the installation of the control panel, do not connect any electrical power until the installation is fully completed**.**

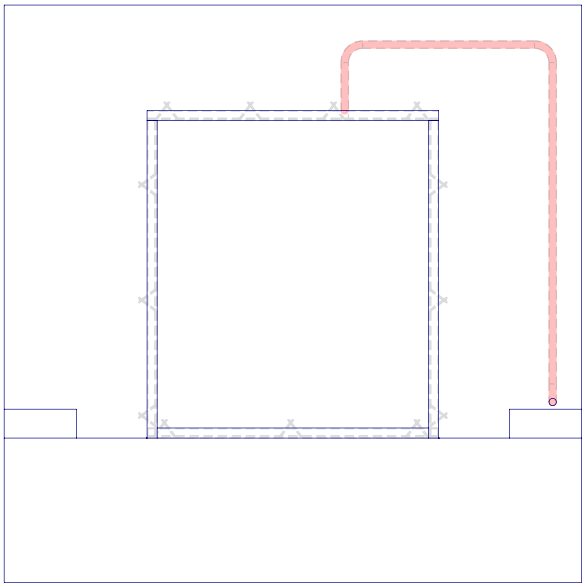
1. Anchor the Control Panel

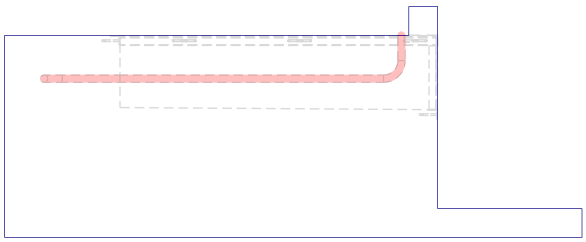
Secure the control panel at a minimum distance of 4 feet from the loading dock, attaching it to the wall or, if applicable, to the provided structure using the anchor points and bolts located inside the box.

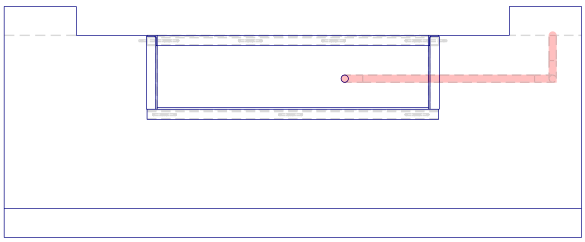
2. Create a Cable Opening in the Pit

Make an opening in the pit for routing the motor cable to the control panel, ensuring it does not interfere with the dock's operational space. Protect the entire length of the cable.









3. Connect Motor Power to the Electronic Board

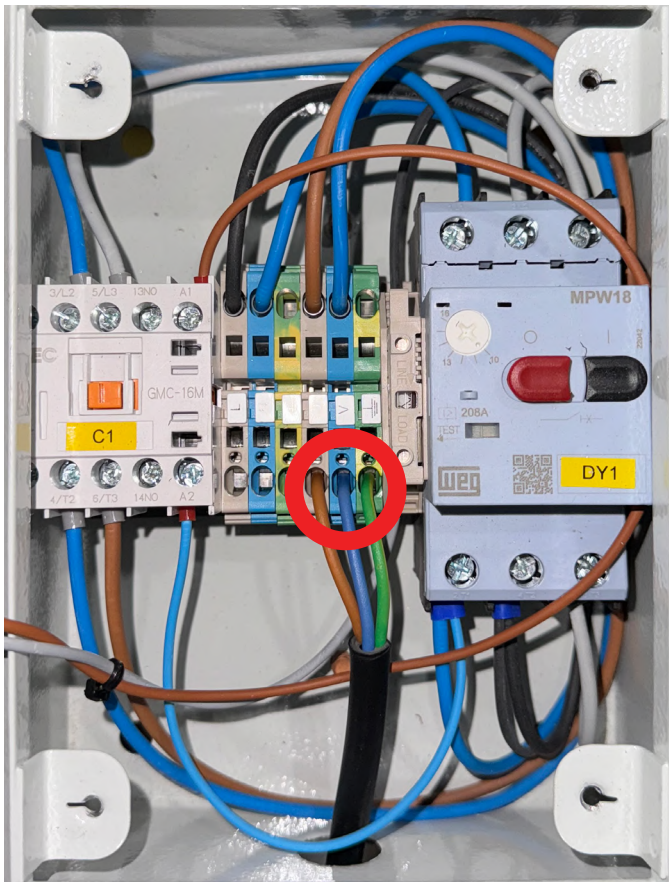
Connect the motor power supply to the electronic board as shown in Diagram 1 if you are using the Standard Simple Control Panel, and in Diagram 3 if you are using the Standard Complete Control Panel. Connect the motor power supply to the electronic board

4. Connect Electrical Power

Connect the electrical power to the electronic board following Diagram 2 if you are using the Standard Simple Control Panel, and in Diagram 3 if you are using the Standard Complete Control Panel.

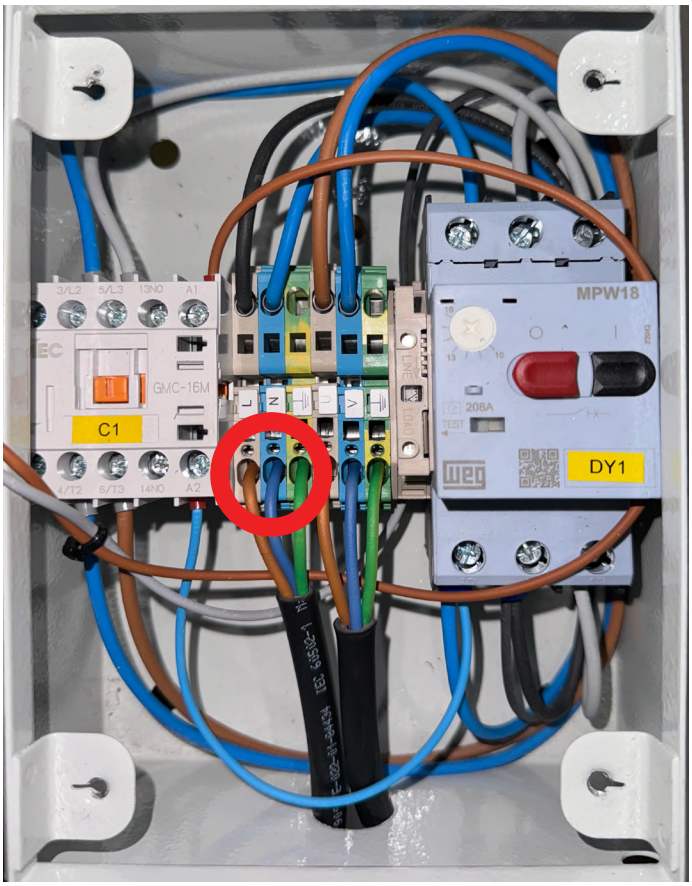
DIAGRAMS FOR THE STANDARD SIMPLE CONTROL PANEL

Diagram 1



Simple panel with motor connection

Diagram 2



Simple panel with motor connection and power supply to panel

Note: It is essential to seal the cable entry within the control box to prevent water and dust ingress.

DIAGRAMS FOR THE STANDARD COMPLETE CONTROL PANEL

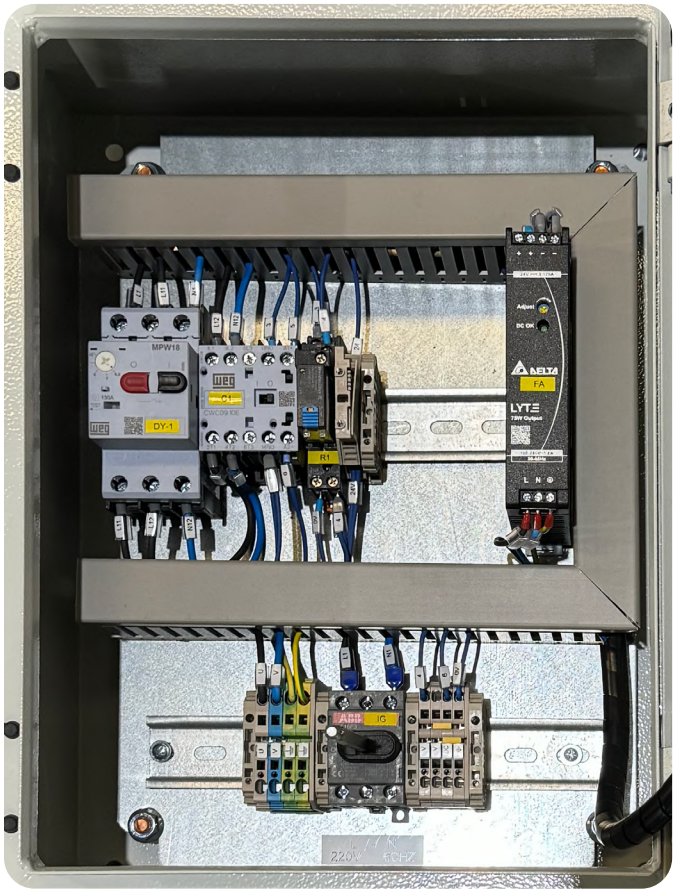
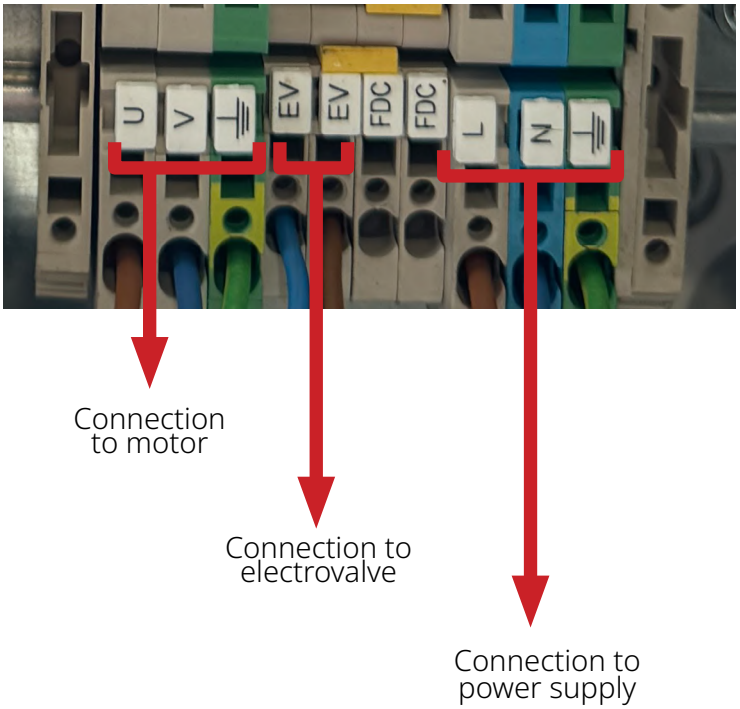


Diagram 3



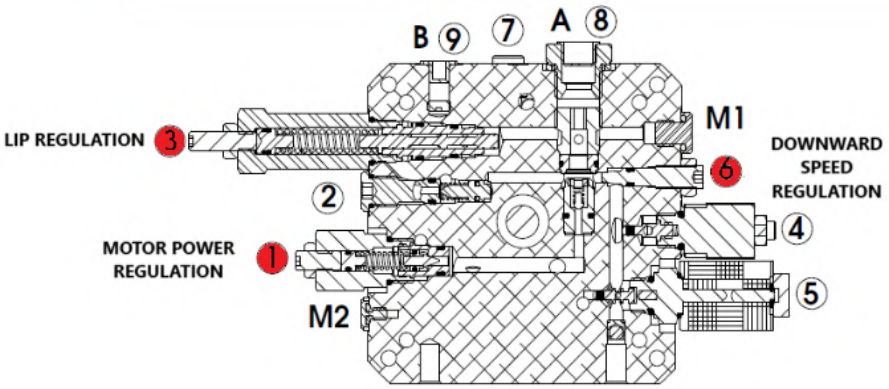
Note: It is essential to seal the cable entry within the control box to prevent water and dust ingress.

5. Activate the Dock Leveler

After all electrical connections are finalized and sealed, proceed to activate the dock leveler.

6. Adjust the Hydraulic System

If necessary, perform adjustments to the hydraulic motor system as shown in the accompanying image.



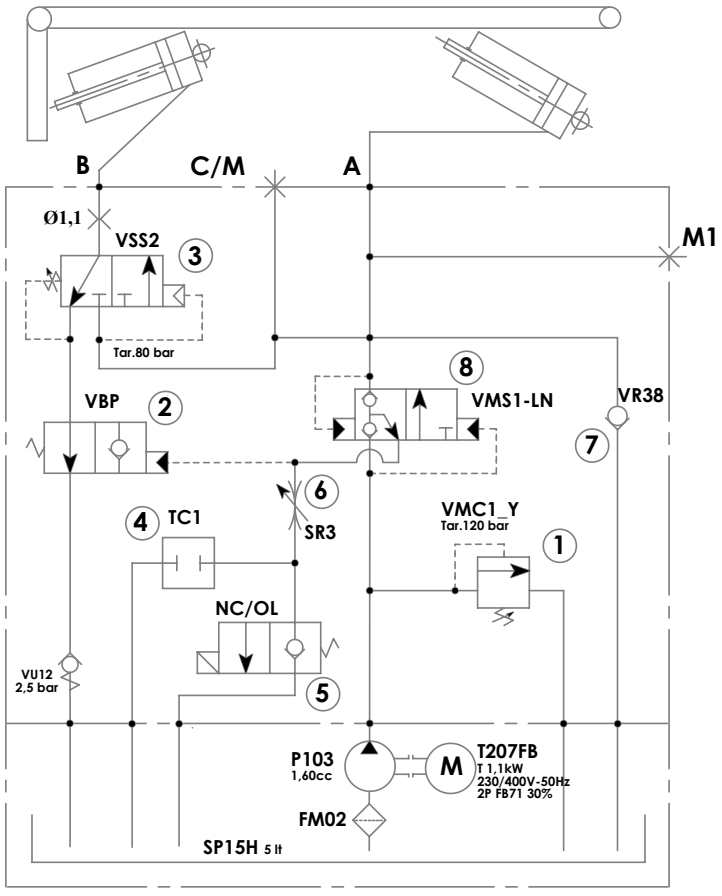
3. HYDRAULIC GROUP

In the following tables, you will find detailed specifications for each of the motors available.

HS 71D2	Option 1	Option 2
Power	1.1 kW	1.32kW
Voltage	230/400V 3 ph	277/480V 3 ph
Consumption	4.5/2.6A	4.5/2.6A
Rev / min	2720 min	3260 min
Frequency	50Hz	60Hz
Power factor	cos phi 0.80	cos phi 0.82
Protection	IP 54	IP 54

HL 71C2	
Power	1.1 kW
Voltage	230V 1 ph
Consumption	7.4A
Rev / min	2500 min
Frequency	50Hz
Power factor	cos phi 0.95
Protection	IP 54

HL 71C2	
Power	0.75kW
Voltage	115V 1 ph
Consumption	9.4A
Rev / min	3400 min
Frequency	60Hz
Power factor	cos phi 0.98
Protection	IP 54



A-B-C/M-M1=G1/4"