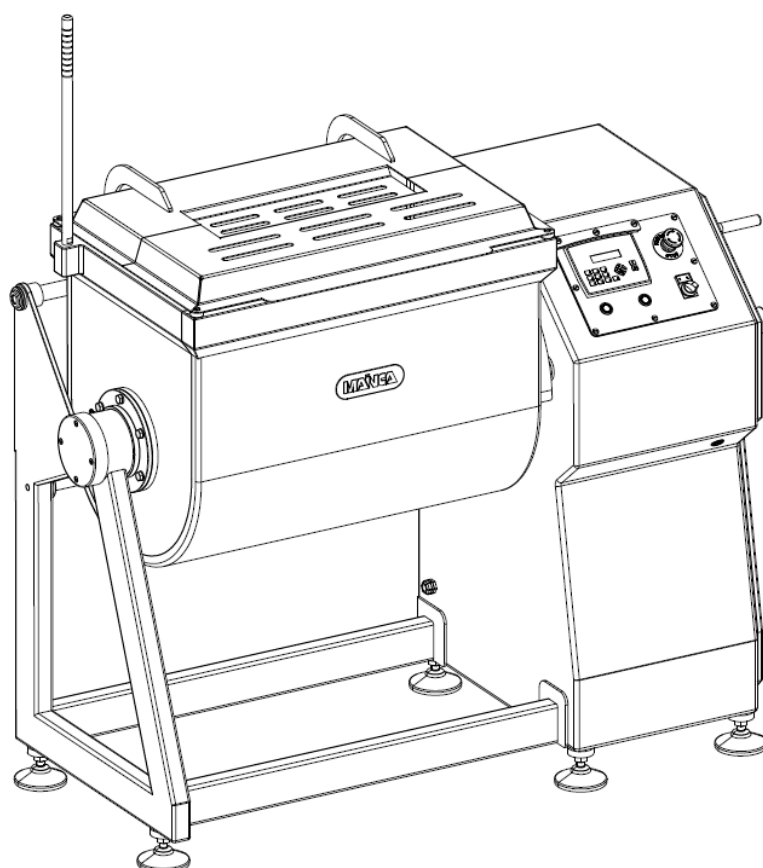




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INSTRUCTION MANUAL

KNEADER / MIXER

TYPE RC – 200

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GENERAL DATA

GENERAL OBSERVATIONS

1. The mixer type RC–200 is manufactured according to the Directive 2006/42 (machines) and also according the Directive of “technical alignment” which is mentioned to the electrical section and is bound to be used within certain voltage limits (73/23/EC).
2. This manual has been composed for your safety and the safety of other people involved. You must comply with all described above. Advices the manual for every action related to the use of the machine and carefully preserve, considering that you may need it in the future.
3. Before the operation of the machine, the user may be aware of the demands – instructions of the existing manual. Any kind of technical action on the machine must be done from an approved technician either from the manufacturing company or the dealing / representing company. Using the machine with some or all the protective covers **NOT INSTALLED** or the security systems **NOT ACTIVATED** may cause injuries and violates the existing legislation, therefore it is not allowed.
4. EQUIPAMIENTOS CÁRNICOS, S.L. isn't responsible for the operation of the machine beyond it's “destined” usage and for cases, which do not satisfy the demands of the specific manual.

DESCRIPTION

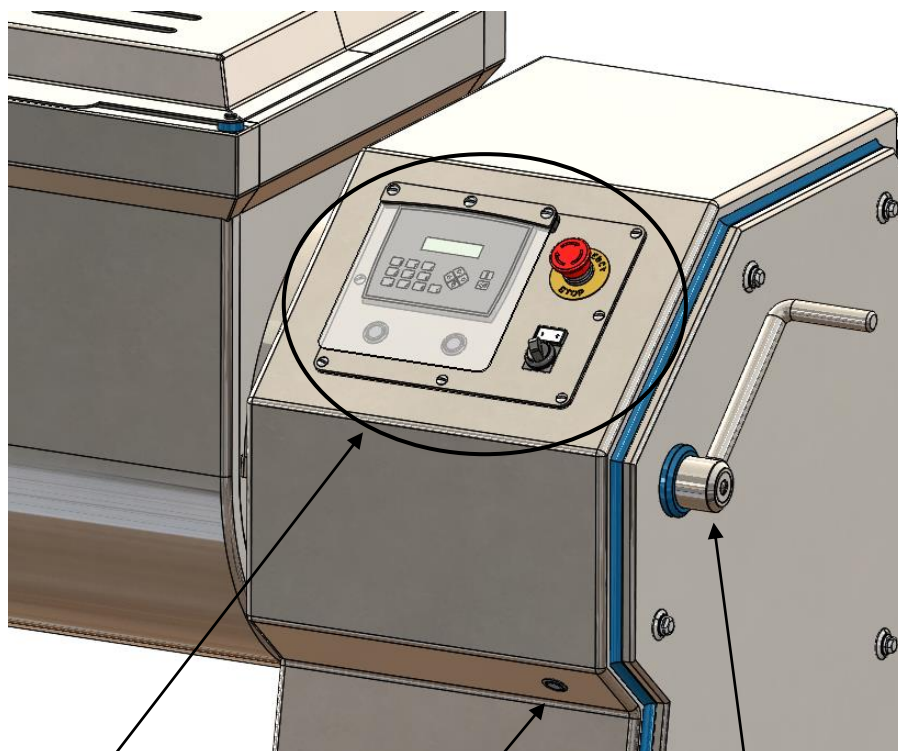
The mixer RC–200 is used to mix meat products and additives. It can process both hard and soft products; it is rigid, with high production capacities and completely made of stainless steel.

The mixing bowl can rotate with the aid of an electronic system and has the ability to stop at every position while the “mixing arm” is in motion. Hence small quantities of products can be effectively mixed. The mixing bowl is covered with a safety cover, which doesn't allow the operation of the machine.

The capacity of the mixer type RC–200 is 200lt.

The electrical / electronic equipment of the machine, are built in such a manner so they can be easily and quickly maintained.

TECHNICAL CHARACTERISTICS	RC – 200
Dimensions	1467x680x1600 mm
Weight	276 Kg
Bowl capacity	200 lt / 125-130 Kg
Decibel in working area	≤ 62 dB (A)



Control panel
with PLC
(digital programmer
to perform different
mixing cycles)

Second START Button used for EMPTYING

Release handle for bowl tilting

The height of the working position – observation position, is estimated at 130cm.

The power supply of the machine is done with a permanent installed flexible three phase cable with an embodied three phase current receiver.

The machine is ready for use prior to cleaning.

IN EVERY CASE OF COMMUNICATION
REPORT THE TYPE AND SERIAL NUMBER OF THE MACHINE

INSTALLATION INSTRUCTIONS

ANY KIND OF TECHNICAL ACTION MUST BE PERFORMED BY
SPECIALIZED TECHNICAL STAFF
WITH THE APPROVAL OF THE MANUFACTURER AND / OR ITS DEALER.
IN CASE OF NO CONFORMITY WITH THE ABOVE,
THE MANUFACTURER ISN'T RESPONSIBLE

The machine is delivered packaged, in a ready – to – use position. It is wise to keep it in this position during installation and operation.

The machine must be placed in a stable surface. In different cases are must screw / unscrew the footage accordingly.

The machine must be lifted / transferred with the appropriate means. Do not use hands for these purposes.

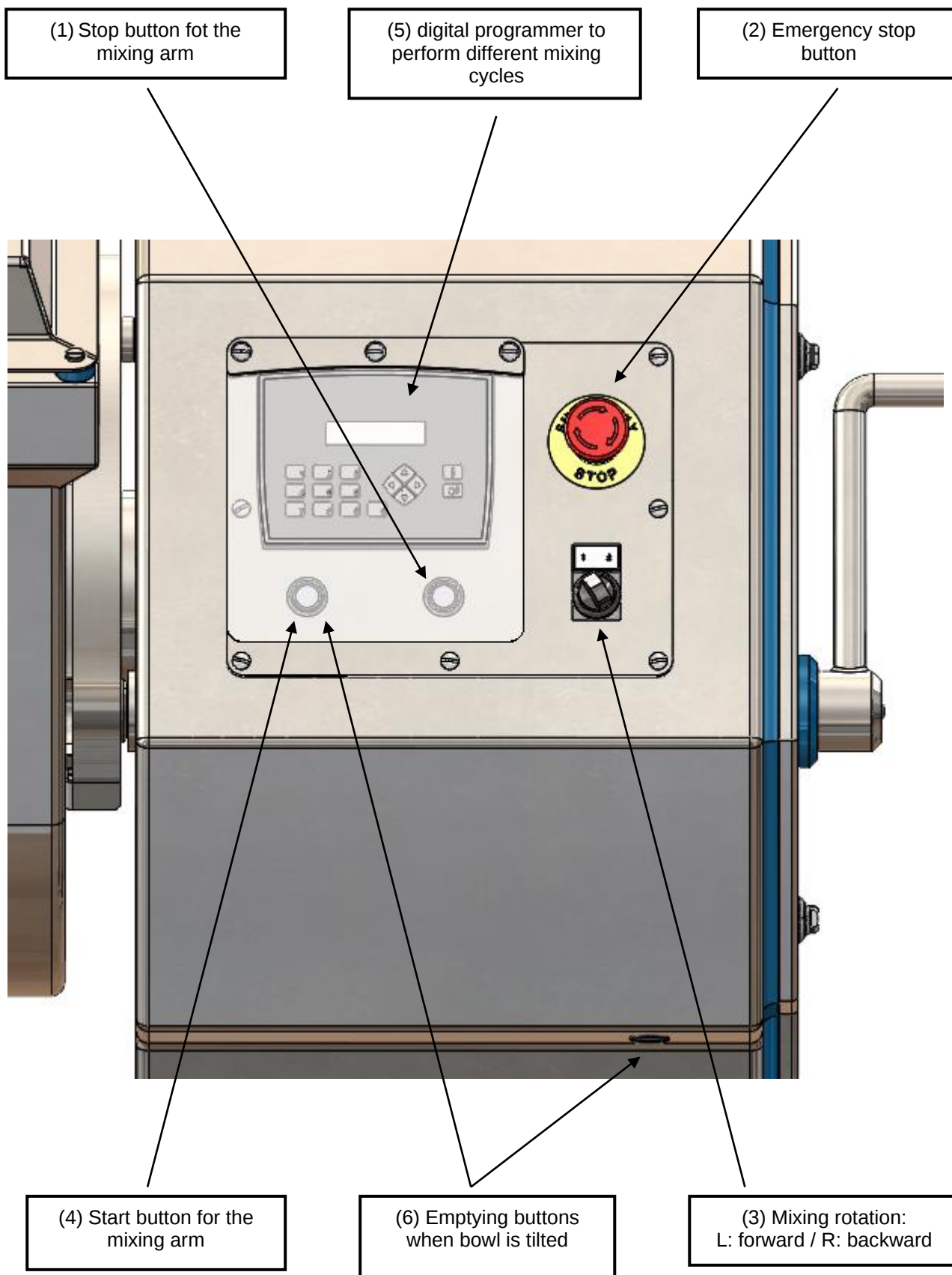
The voltage and frequency must be relevant to these displayed on the machine.

Before operating the machine, the following actions must be carried through:

1. Plug in the machine's power supply cable to the building's socket.
2. Ensure that there are no objects within the mixing bowl and release the emergency stop button (2). See image on next page.
3. Turn the switch (3) to a position 1 or "L" to select the forward mixing rotation.
4. Press the start button (4) in order to move the mixing arm forward (mixing).
5. Press the stop button (1) to stop mixing arm.
6. Turn the switch (3) to a position 2 or "R" to select the backward mixing rotation.
7. Press the start button (4) in order to move the mixing arm backward (kneading).
8. Operate the machine and press the emergency stop button (2) to ensure that the machine completely stops.
9. Operate the machine and lift the lid of the tank (just above 10cm). The mixing arm should stop moving. Place down the lid – the mixing arm should not start moving unless the start button (4) is pressed.

The machine is ready to function when all the above are valid, prior to cleaning.

Protect the power supply cable from possible damages.



OPERATING INSTRUCTIONS

The machine is designed to mix and knead meat products. The mixture of ingredients such as flour, bread, soya etc will increase the loads faced to the machine during operation. Therefore the quantities of the above ingredients should be minimized.

The temperature of the meat prior to mixing should be -2°C to 0°C .

If additives need to be mixed along with meat, then spread them in such way as to cover the entire surface of the mixing bowl. If cereal should be mixed, it is better to be soaked in water 24 hours prior to mixing with meat.

Manual mode

1. Turn the switch (3) to the position 1 for mixing meat with ingredients.
2. Press the start button (4) so the mixing arm start mixing forward for about 2 minutes.
3. Press the stop button (1) to stop mixing arm.
4. Turn the switch (3) to the position 2 for kneading to remove the air inside the dough.
5. Press the start button (4) so the mixing arm start kneading backward for about 2 minutes.
6. Press the stop button (1) to stop mixing arm.

Automatic mode

Check the PLC programming manual enclosed to perform different mixing cycles

7. When the dough is ready to download, lift the lid bowl and release the lateral handle to unlock the bowl. If flap need to be used to reduce the bowl width, tilt the bowl to intermediate position, turn the lateral handle to lock the bowl, assemble the flap and release again the bowl (see page Optional flap mounting).
8. Tilt the bowl to discharge the product, turn the lateral handle to lock the bowl. Press at the same time with both hands the 2 emptying buttons (6) so that the mixing arm start rotating forward to ease download the product from inside the bowl. Release the lateral handle to unlock the bowl.
9. If flap was used, tilt the bowl to intermediate position, turn the lateral handle to lock the bowl, disassemble the flap and release again the bowl.
10. Bring the bowl into its original position and turn the lateral handle to lock the bowl.
11. In every case of doubt or danger press the emergency stop button (2).

During the operation, the user must be properly clothed.

Before every usage it is **ADVISED** to check the condition of all safety devices / equipment. These must not be removed or ignored unless the machine is being serviced and the power supply is off.

AFTER USING THE MACHINE, CLEAN IT PROPERLY FROM REMAINING SUBSTANCES, AFTER
YOU HAVE REMOVED THE POWER SUPPLY.

To clean the machine, use a neutral detergent with the application of warm water, which is in turn properly drained. No chemical products must be used for cleaning. All surfaces in contact with meat must not be scratched or damaged.

In order to clean the machine, turn the bowl to an emptying position (by releasing the hand lever).

Ensure that the water used for cleaning is properly drained.

MAINTENANCE INSTRUCTIONS

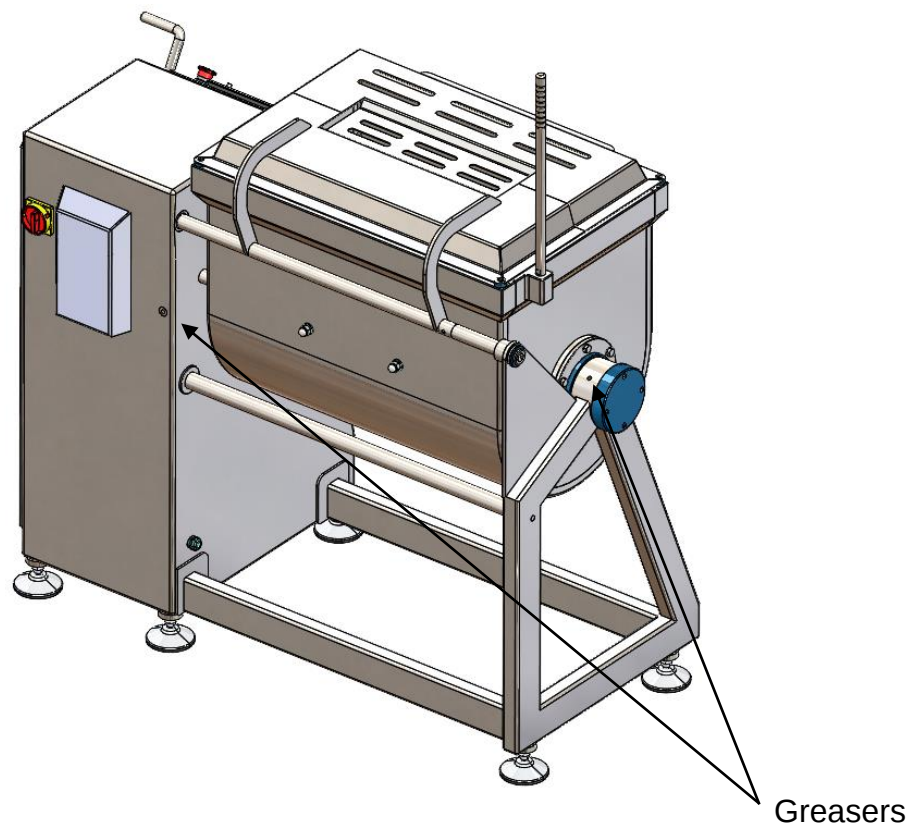
BEFORE STARTING MAINTENANCE,
MAKE SURE THAT THE MACHINE IS NOT IN POWER SUPPLY.

For the proper operation of the machine, frequent check and equipment maintenance is required. Follow the steps bellow:

1. Use synthetic oil for the gear. Change oil after 6.000 hours of operation.
2. Grease the moving parts through nozzles as displayed, after 100 hours of operation. The grease should be "edible".

SUGGESTED OIL FOR THE GEAR MOTOR

BP Energol GR-XP 220



For Reducers

BP Energol HLP-HM 46

Premium Hydraulic Oil
Duckhams Zircon 46

DO NOT CLEAN THE MACHINE WITH HIGH PRESSURE - HIGH TEMPERATURE WATER PISTOL

- Neither the Manufacturer nor the Distributor will guarantee for operating problems or short circuit problems due to washing with high pressure – high temperature water pistols

PLC PROGRAMMING MANUAL

AUTOMATIC MODE FOR THE MIXING AND KNEADING PROCESS (CONFIGURING SETTINGS)

The machine's digital programmer allows you to set 10 different programs. Each program has a series of settings that are all initially set to 0, except for the program P:1 which comes set from factory with 0,2min. (12 sec.) Mixing time and 0,2min. (12 sec.) Kneading time. The instructions below explain how to configure or modify the settings of a selected program. Do not use a program with no settings. If you attempt to operate a program with all settings to 0, the machine will run in a jerky motion.

Plug in the machine to the socket, and switch ON the main power switch situated in the backside of the machine. Then "READY FOR MANUAL CYCLE" will appear on the programmer display. In this mode we can work directly with the push buttons 2 & 4 on the control panel. How to work in this mode is explained in the section "INSTRUCTIONS FOR USE" of this manual.

- When **READY FOR MANUAL CYCLE** on the display, press  to access **READY P.1 AUTOMATIC CYCLE** press  to Access the menu **SELECT PROGRAM PROGRAM: 1** and select the required program number to set using the arrows  When the required program has been selected, its settings can be configured by pressing  The first setting is MIXING TIME (counterclockwise direction), press  to enter the minutes required using the number pad  To enter seconds (if necessary) use the key  Once the required time has been entered, press  to return to the MIXING TIME menu. To go to the next menu, press  to access the second setting KNEADING TIME (clockwise direction), press  to enter the minutes required using the number pad. 

To enter second (if necessary) use the key →



Once the required time has been entered, press →



to return to the KNEADING TIME menu. To go to the third setting, press →



to access NUMBER OF CYCLES, press →



to enter the number of cycles required using the number pad. Each cycle will correspond to
and established MIXING TIME and KNEADING TIME repetition →



Once the required number of cycles has been entered, press →



To return to the NUMBER OF CYCLES menu. There are no additional settings. Press →



to return to the **SELECT PROGRAM**
PROGRAM: 1 menu, press →



to return to the **READY P.1**
AUTOMATIC CYCLE menu, press →



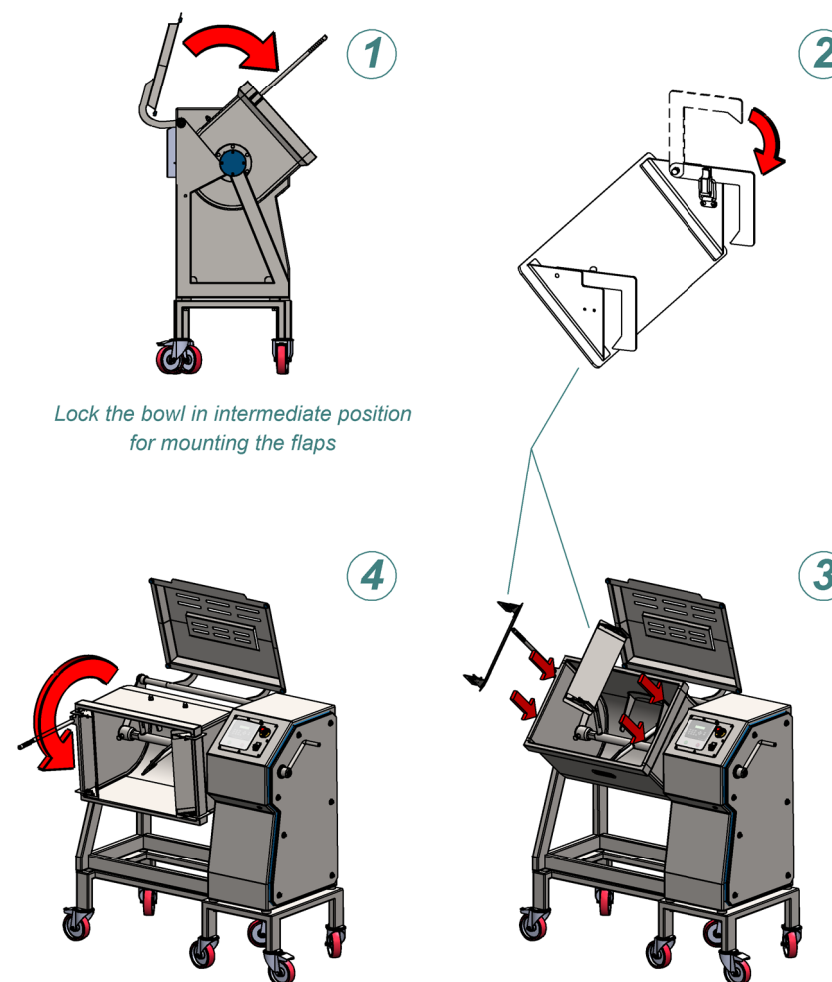
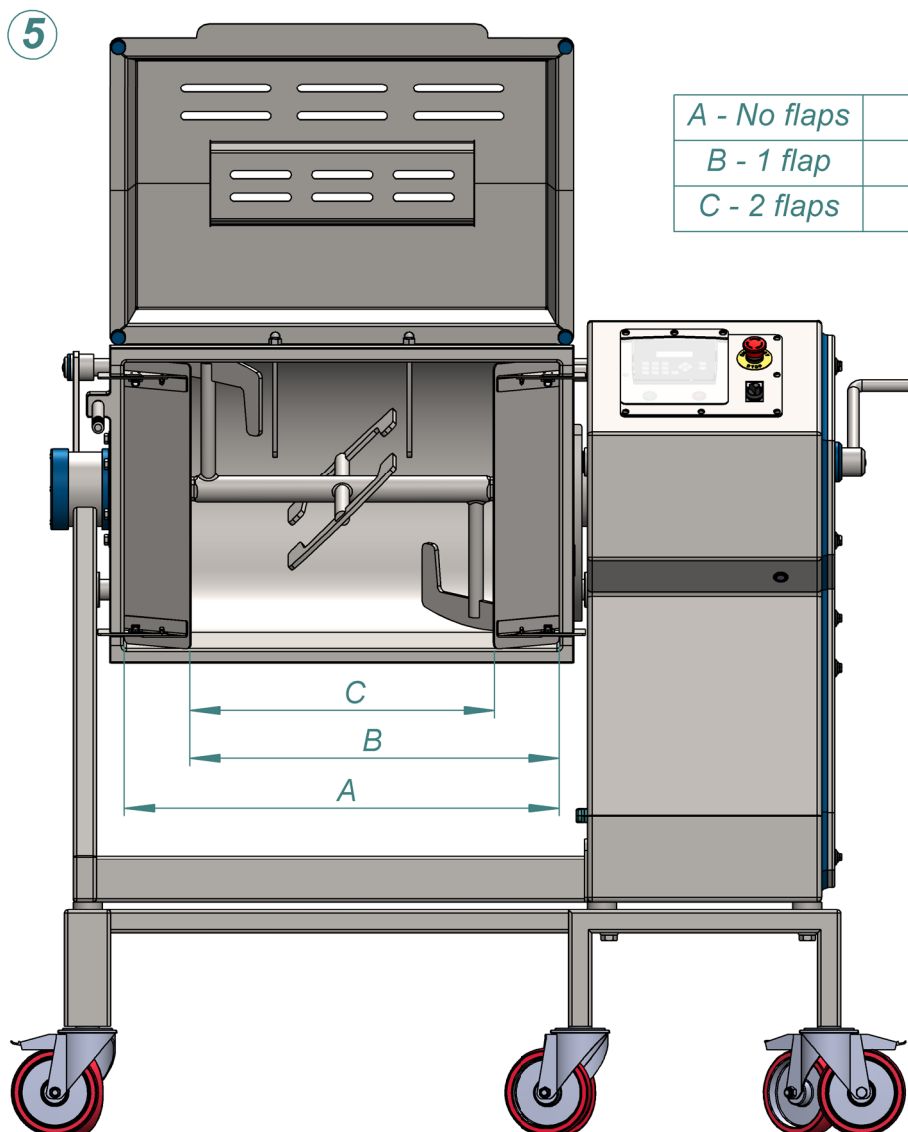
To start the automatic cycle of the program selected (P:1, P:2, P:3, and so).

If you wish to interrupt the automatic cycle and return to the MANUAL CYCLE mode to be able to
work with the machine manually as described in the section “INSTRUCTIONS FOR USE” of
this manual, press this key at any time. →

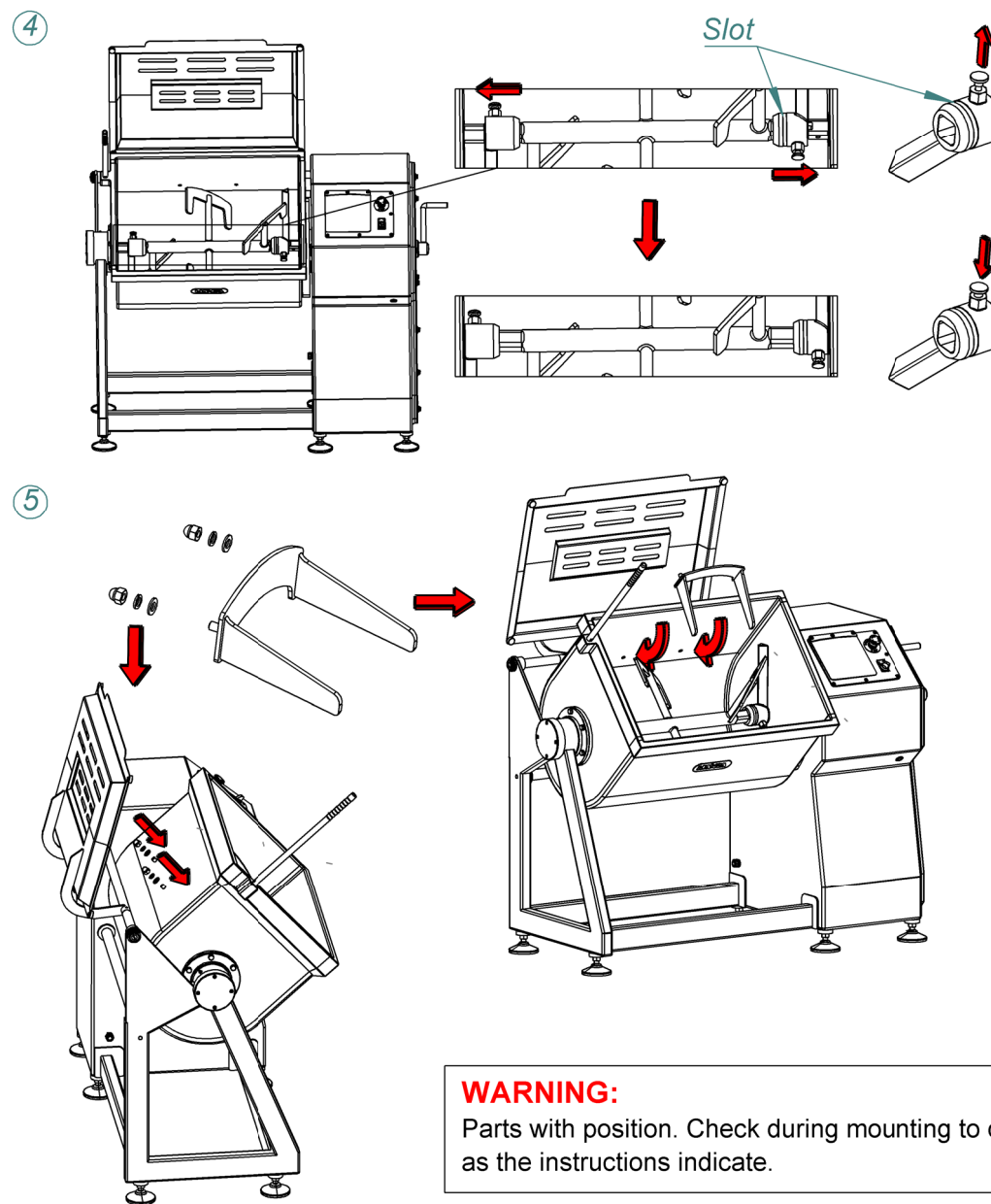
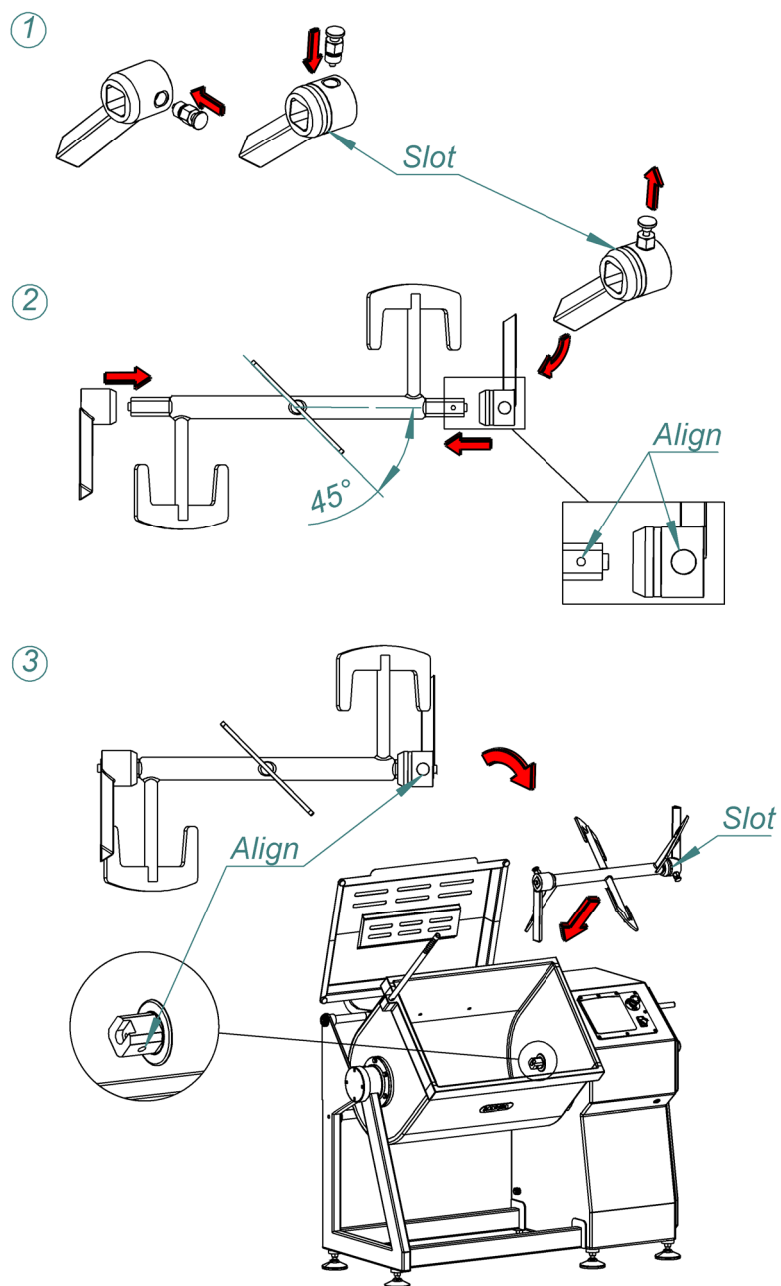


TABLA 1

			87	88	113
O	3P ~230V/50 + PE 4HP	III	6T30400R05	6REWMI130FA50	4RC200CEOPR
P	3P ~220V/60 + PE 4HP	III	5RM31005P	6REWMI130FA60	4RC200CEOPR
R	3P ~400V/50 + PE 4HP	III	6T30400R05	6REWMI130FA50	4RC200CERPR
S	3P ~380V/60 + PE 4HP	III	5RM31005P	6REWMI130FA60	4RC200CERPR

**WARNING:**

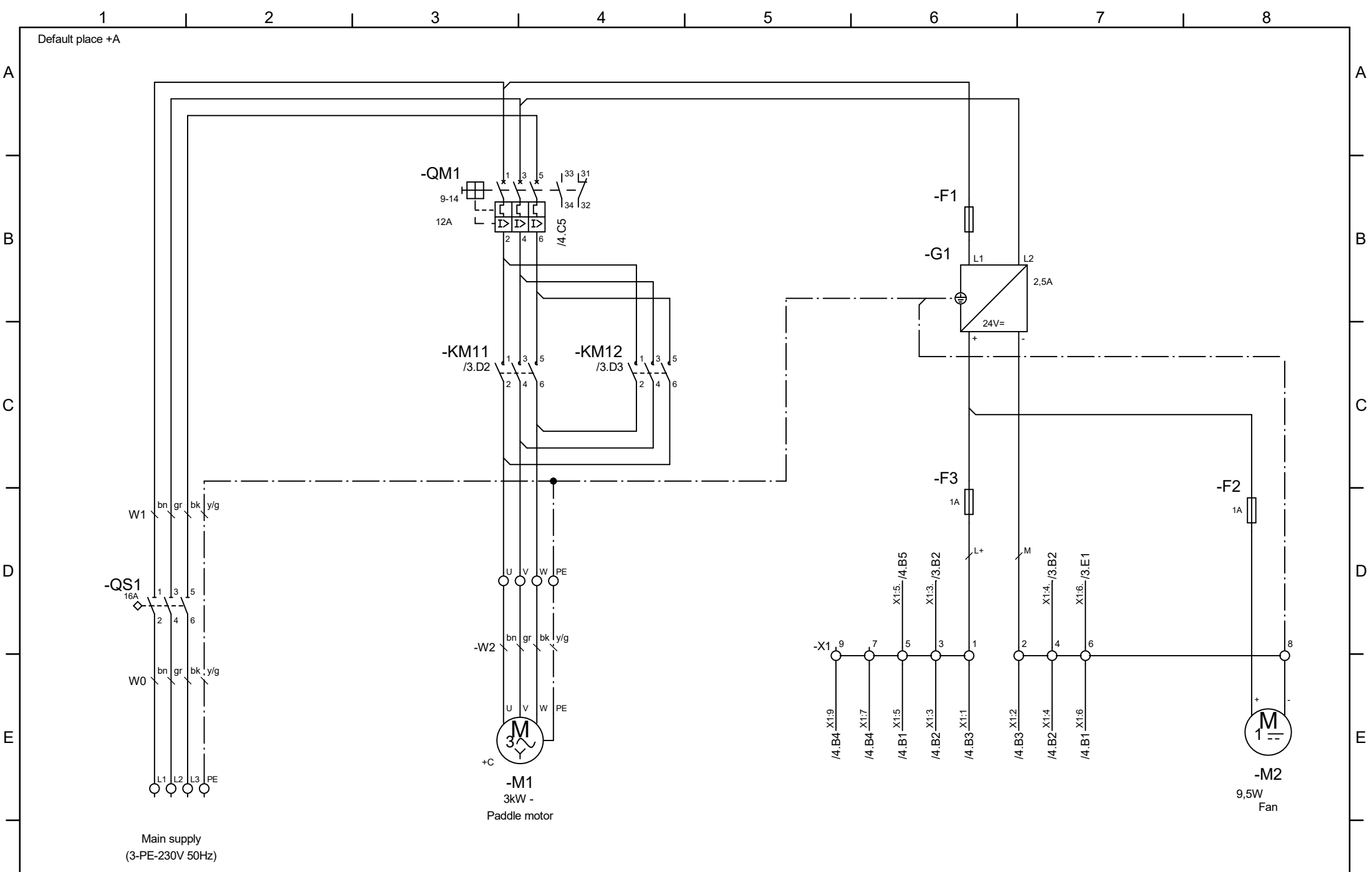
The use of optional flaps is only indicated for unloading the bowl. Under no circumstances should they be fitted during the mixing/kneading process.



	1 RC-200 STANDARD
	2 RC-200 WITH STAND
	3 RC-200 ON WHEELS

	4 RC-200 WITH STAND ON WHEELS
	5 RC-200 ON WHEELS + 50mm SPACERS

 RC-200 MIXER DIMENSIONS									
mm	A	B	C	D	E	F	G	L	Kg
1	1135	650	1485	650	1340	475	870	200	±130
2	1335	650	1485	653	1370	675	870	200	±130
3	1265	650	1485	815	1505	605	870	200	±130
4	1465	650	1485	805	1540	805	870	200	±130
5	1315	650	1485	815	1505	653	870	200	±130



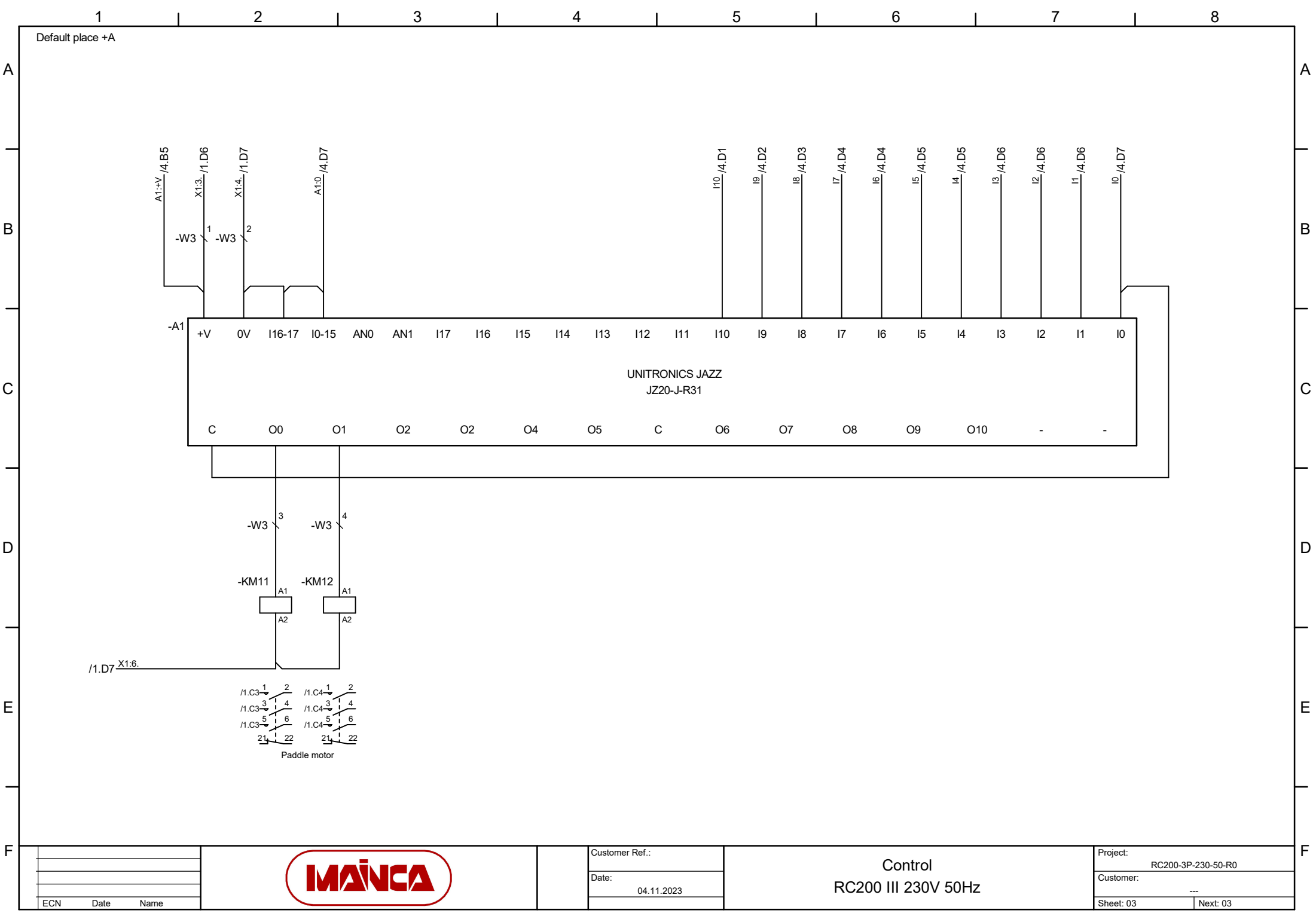
Customer Ref.:
Date:
04.11.2023

Main supply
RC200 III 230V 50Hz

Project:
RC200-3P-230-50-R0
Customer:

Sheet: 01
Next: 03

ECN Date Name



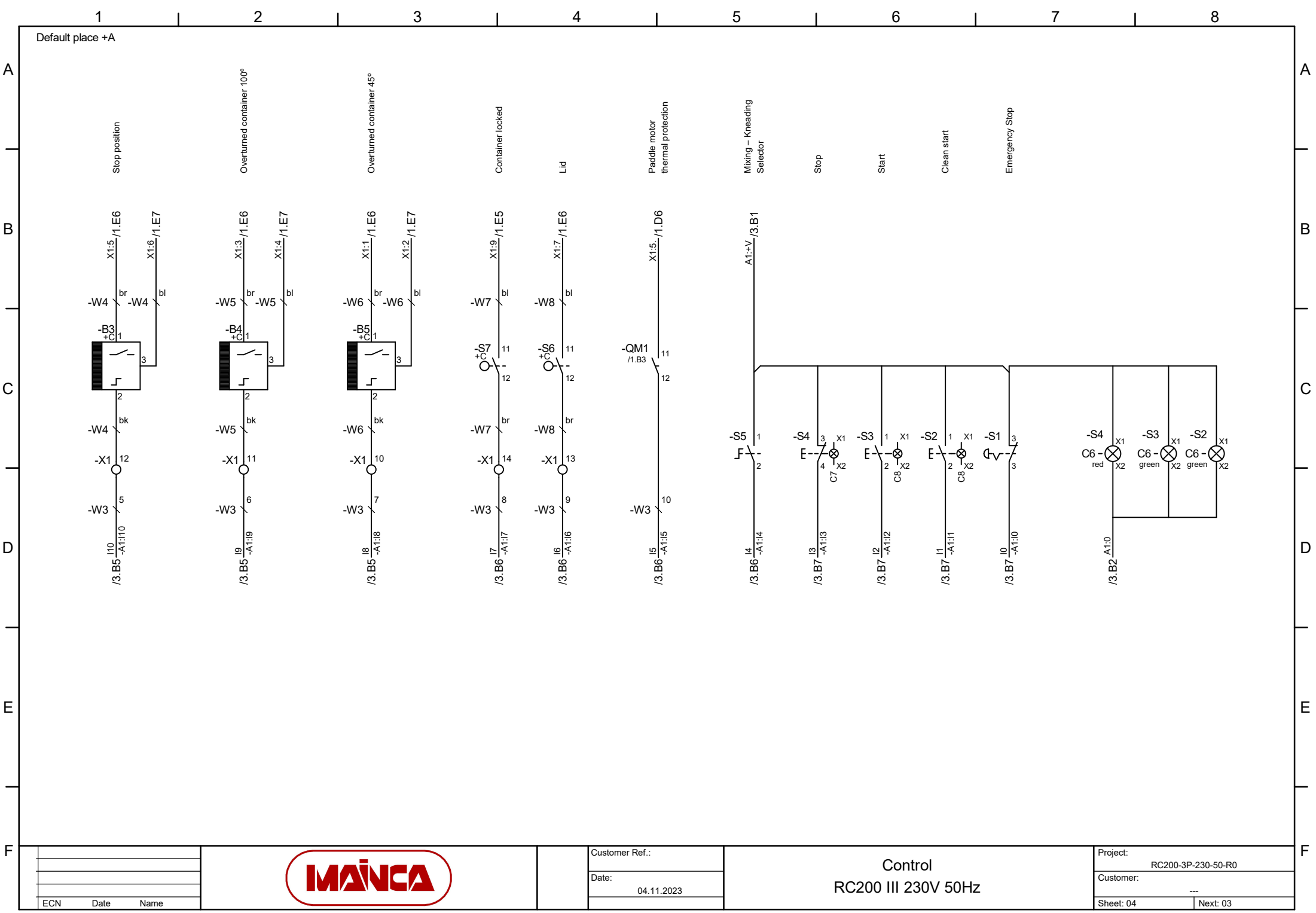
Customer Ref.:
Date:
04.11.2023

Control
RC200 III 230V 50Hz

Project:
RC200-3P-230-50-R0
Customer:

Sheet: 03
Next: 03

ECN Date Name



1		2		3		4		5		6		7		8	
Default place +A															
-X1															
Quantity: 14															
External Destination				Bridge		Number		Type of		Internal Destination					
Part and connection				Cable		Metallic Cable		Terminal		Cable		Part and connection		Terminal Drawing Place	
+C-B5:1						●		1		L+		-F3:		/1.D6	
+C-B5:3						●		2		M		-G1:-		/1.D7	
+C-B4:1						●		3		-W3:1		-A1:+V		/1.D6	
+C-B4:3						●		4		-W3:2		-A1:0V		/1.D7	
+C-B3:1						●		5				-QM1:11		/1.D6	
+C-B3:3						●		6				-KM1:1A2		/1.D7	
+C-S6:11						●		7						/1.D6	
+C-M2:-						●		8						/1.D8	
+C-S7:11						●		9						/1.D5	
+C-B5:2								10		-W3:7		-A1:18		/4.C4	
+C-B4:2								11		-W3:6		-A1:19		/4.C3	
+C-B3:2								12		-W3:5		-A1:110		/4.C2	
+C-S6:12								13		-W3:9		-A1:16		/4.C5	
+C-S7:12								14		-W3:8		-A1:17		/4.C4	

Complete terminal name : +A-X1

ECN Date Name



Customer Ref.:
Date:
04.11.2023

Terminal List
RC200 III 230V 50Hz

Project: RC200-3P-230-50-R0
Customer: ---
Sheet: 01 Next: 02

Default place +A

External Destination			-X2 Quantity: 8					Internal Destination		
Part and connection	Cable	Bridge Metalic Cable	Number Terminal	Type of Terminal	Cable	Part and connection	Terminal Drawing Place			
			L1			-QS1:2	/1.E1			
			L2			-QS1:4	/1.E1			
			L3			-QS1:6	/1.E2			
			PE				/1.E2			
+C-M1:U			U			-KM1:2	/1.D3			
+C-M1:V			V			-KM1:4	/1.D4			
+C-M1:W			W			-KM1:6	/1.D4			
+C-M1:PE			PE			-G1:	/1.D4			

Complete terminal name : +A-X2

ECN	Date	Name



Customer Ref.:	
Date:	04.11.2023

Terminal List
RC200 III 230V 50Hz

Project:	
RC200-3P-230-50-R0	
Customer:	

Sheet: 02	Next: 02

	1	2	3	4	5	6	7	8	
	Place	Location	Part	Description	Manufacturer	Reference	Quantity		
A	+A	/1.B3	-QM1	Motor circuit breaker 9 - 14	Schneider	GV2-ME16	1.00	A	
	+A	/1.B3	-QM1	Auxiliary contact block 1NO+1NC	Schneider	GV-AE11	1.00		
	+A	/1.B6	-F1	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.B6	-G1	Power supply 2.5A	Mean Well	WDR-60-24	1.00		
	+A	/1.C6	-F3	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.D1	-QS1	SWITCH-DISCONNECTOR 3P-16A	Mainca	6GIECSQ001	1.00		
	+A	/1.D8	-F2	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.E8	-M2	Fan 9.5V 24VDC	Mainca	6XX5114N	1.00		
	+A	/3.C5	-A1	Jazz Micro-OPLC	Unitronics	JZ20-J-R31	1.00		
	+A	/3.D2	-KM11	Contactor 12A 24VDC	Schneider	LC1-D12BL	1.00		
B	+A	/3.D3	-KM12	Contactor 12A 24VDC	Schneider	LC1-D12BL	1.00	B	
	+A	/4.C5	-S5	2 fixed position selector	MOELLER ELECTRIC	M22-WKV	1.00		
	+A	/4.C5	-S5	Push-button body	MOELLER ELECTRIC	M22-A	1.00		
	+A	/4.C5	-S5	Contact block NO	MOELLER ELECTRIC	M22-K10	1.00		
	+A	/4.C6	-S2	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S3	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S4	Light push-button	STARPOINT	L22-FM1SRR	1.00		
	+A	/4.C7	-S1	Mushroom push-button red 1NC	Baco	L22ED01-3E01	1.00		
	+C	/4.C1	-B3	Inductive sensor 3 wires M12	IFM	IFS244	1.00		
	+C	/4.C2	-B4	Inductive sensor 3 wires M18	IFM	MSG204	1.00		
C	+C	/4.C3	-B5	Inductive sensor 3 wires M18	IFM	MSG204	1.00	C	
	+C	/4.C4	-S6	Limit switch	Schneider	XCMD2102L2	1.00		
	+C	/4.C4	-S7	Limit switch	Schneider	XCMD2102L2	1.00		
D								D	
E								E	
F								F	

Nº ECN	Date	Name

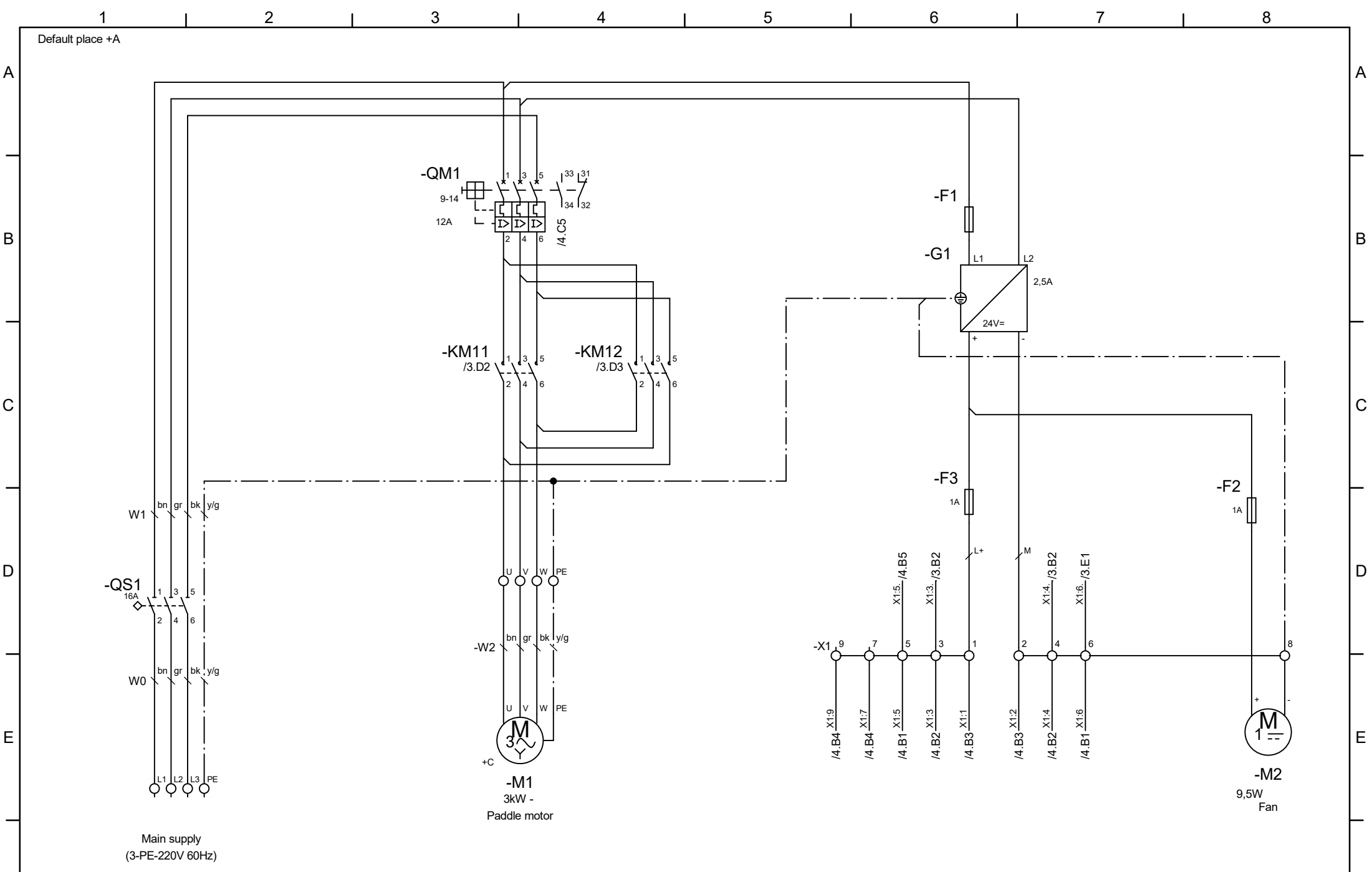


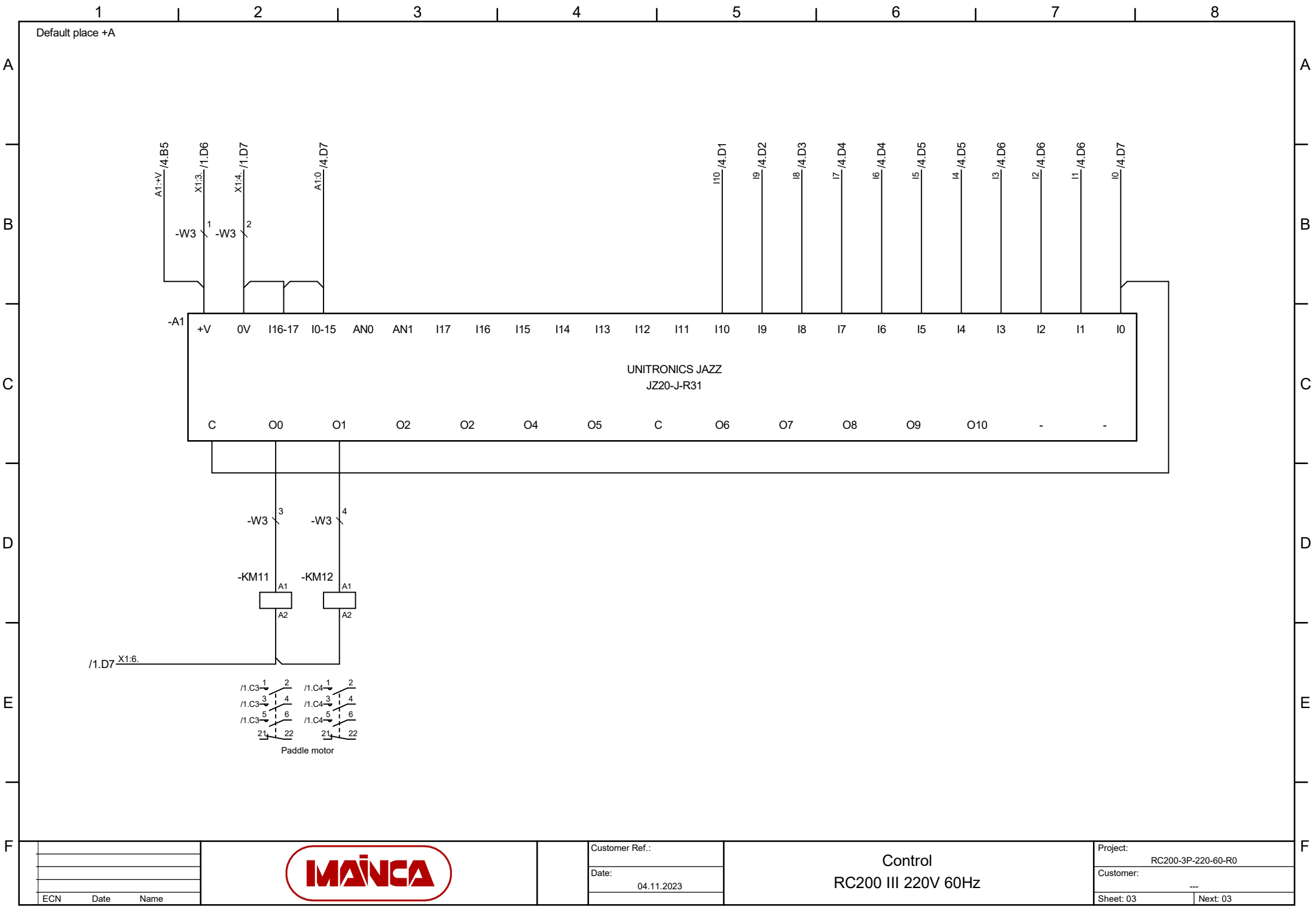
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Date:
04.11.2023

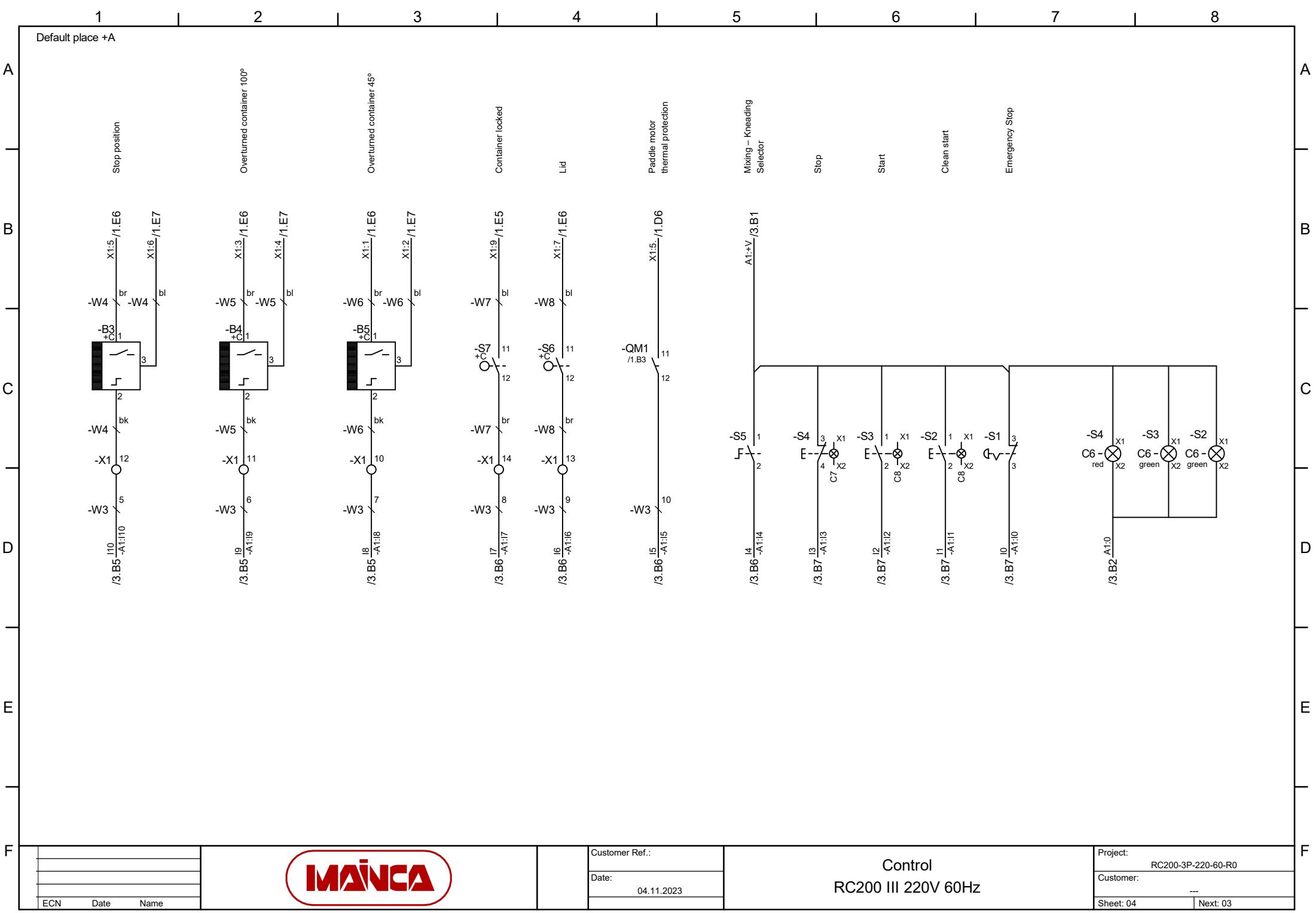
Parts list

RC200 III 230V 50Hz

Project:	
RC200-3P-230-50-R0	
Customer:	
Sheet: 01	Next: 01







Customer Ref.:
Date:
04.11.2023

Control
RC200 III 220V 60Hz

Project:
RC200-3P-220-60-R0
Customer:

Sheet: 04
Next: 03

	1	2	3	4	5	6	7	8
A	Default place +A							
B								
C								
D								
E								
F								

External Destination		Quantity: 14		Internal Destination			
Part and connection	Cable	Bridge Metallic Cable	Number Terminal	Type of Terminal	Cable	Part and connection	Terminal Drawing Place
+C-B5:1			1		L+	-F3:	/1.D6
+C-B5:3			2		M	-G1:-	/1.D7
+C-B4:1			3		-W3:1	-A1:+V	/1.D6
+C-B4:3			4		-W3:2	-A1:0V	/1.D7
+C-B3:1			5			-QM1:11	/1.D6
+C-B3:3			6			-KM1:1A2	/1.D7
+C-S6:11			7				/1.D6
+C-M2:-			8				/1.D8
+C-S7:11			9				/1.D5
+C-B5:2			10		-W3:7	-A1:18	/4.C4
+C-B4:2			11		-W3:6	-A1:19	/4.C3
+C-B3:2			12		-W3:5	-A1:110	/4.C2
+C-S6:12			13		-W3:9	-A1:16	/4.C5
+C-S7:12			14		-W3:8	-A1:17	/4.C4

Complete terminal name : +A-X1



Customer Ref.:
Date:
04.11.2023

Terminal List
RC200 III 220V 60Hz

Project:	RC200-3P-220-60-R0
Customer:	---
Sheet: 01	Next: 02

	1	2	3	4	5	6	7	8	
A	Default place +A								A
B									B
C									C
D									D
E									E
F									F

-X2				Quantity: 8				Internal Destination		External Destination	
Part and connection	Cable	Bridge Metallic Cable	Number Terminal	Type of Terminal	Cable	Part and connection	Terminal Drawing Place				
			L1			-QS1:2	/1.E1				
			L2			-QS1:4	/1.E1				
			L3			-QS1:6	/1.E2				
			PE			-KM11:2	/1.E2				
+C-M1:U			U			-KM11:4	/1.D3				
+C-M1:V			V			-KM11:6	/1.D4				
+C-M1:W			W			-G1:	/1.D4				
+C-M1:PE			PE				/1.D4				



Customer Ref.:
Date:
04.11.2023

Terminal List
RC200 III 220V 60Hz

Project:	RC200-3P-220-60-R0
Customer:	---
Sheet: 02	Next: 02

	1	2	3	4	5	6	7	8	
A	Place	Location	Part	Description	Manufacturer	Reference	Quantity		A
	+A	/1.B3	-QM1	Motor circuit breaker 9 - 14	Schneider	GV2-ME16	1.00		
	+A	/1.B3	-QM1	Auxiliary contact block 1NO+1NC	Schneider	GV-AE11	1.00		
	+A	/1.B6	-F1	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.B6	-G1	Power supply 2.5A	Mean Well	WDR-60-24	1.00		
	+A	/1.C6	-F3	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.D1	-QS1	SWITCH-DISCONNECTOR 3P-16A	Mainca	6GIECSQ001	1.00		
	+A	/1.D8	-F2	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.E8	-M2	Fan 9.5V 24VDC	Mainca	6XX5114N	1.00		
	+A	/3.C5	-A1	Jazz Micro-OPLC	Unitronics	JZ20-J-R31	1.00		
	+A	/3.D2	-KM11	Contacteur 12A 24VDC	Schneider	LC1-D12BL	1.00		
B	+A	/3.D3	-KM12	Contacteur 12A 24VDC	Schneider	LC1-D12BL	1.00		B
	+A	/4.C5	-S5	2 fixed position selector	MOELLER ELECTRIC	M22-WKV	1.00		
	+A	/4.C5	-S5	Push-button body	MOELLER ELECTRIC	M22-A	1.00		
	+A	/4.C5	-S5	Contact block NO	MOELLER ELECTRIC	M22-K10	1.00		
	+A	/4.C6	-S2	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S3	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S4	Light push-button	STARPOINT	L22-FM1SRR	1.00		
	+A	/4.C7	-S1	Mushroom push-button red 1NC	Baco	L22ED01-3E01	1.00		
	+C	/4.C1	-B3	Inductive sensor 3 wires M12	IFM	IFS244	1.00		
	+C	/4.C2	-B4	Inductive sensor 3 wires M18	IFM	MSG204	1.00		
C	+C	/4.C3	-B5	Inductive sensor 3 wires M18	IFM	MSG204	1.00		C
	+C	/4.C4	-S6	Limit switch	Schneider	XCMD2102L2	1.00		
	+C	/4.C4	-S7	Limit switch	Schneider	XCMD2102L2	1.00		
D									D
E									E
F									F

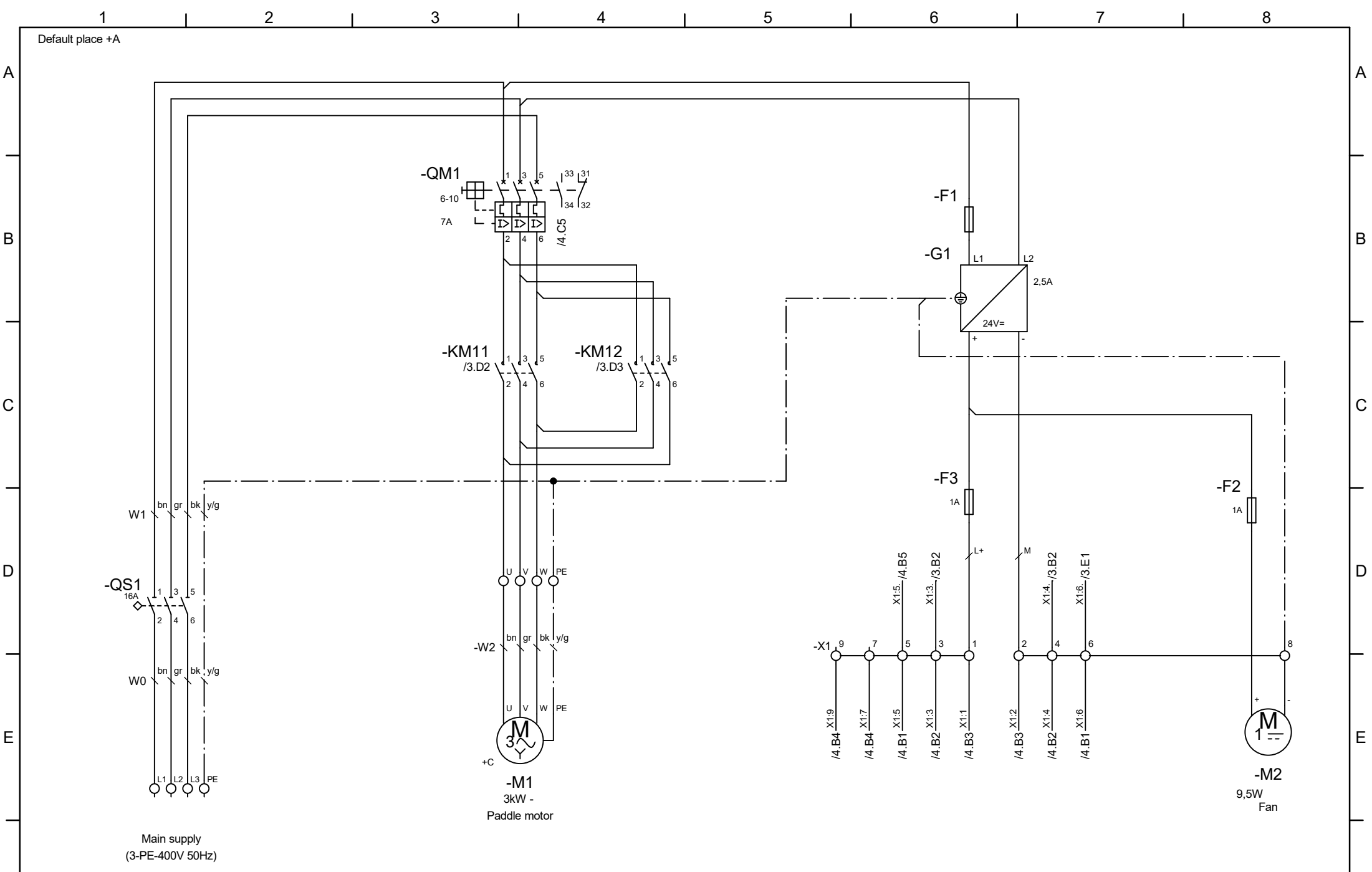
N° ECN Date Name				Customer Ref.: Date: 04.11.2023	Parts list RC200 III 220V 60Hz	Project: RC200-3P-220-60-R0 Customer: Sheet: 01 Next: 01
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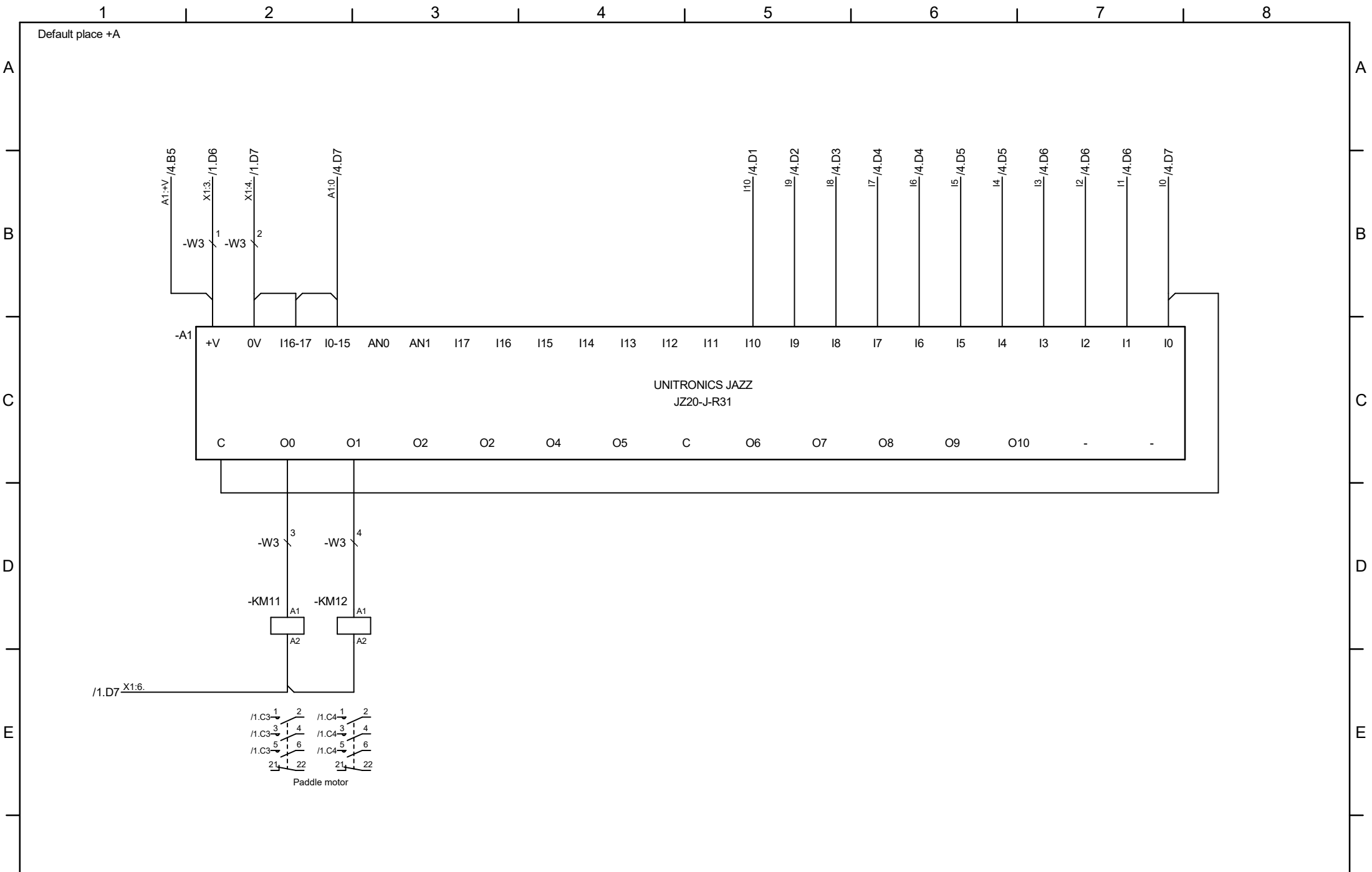


Project N°	RC200-3P-400-50-R0
Date	04.11.2023
Sheets	6
Customer	---
Customer Ref.	
RC200 III 400V 50Hz	
Main Supply	3-PE-400V 50Hz
Max. Power	3 Kw.
Max. Intensity	7,4 A.

Sheet	Date	TITLE
1	04.11.2023	Main supply
3	04.11.2023	Control
4	04.11.2023	Control
1	04.11.2023	Terminal List
2	04.11.2023	Terminal List
1	04.11.2023	Parts list

Sheet	Date	TITLE





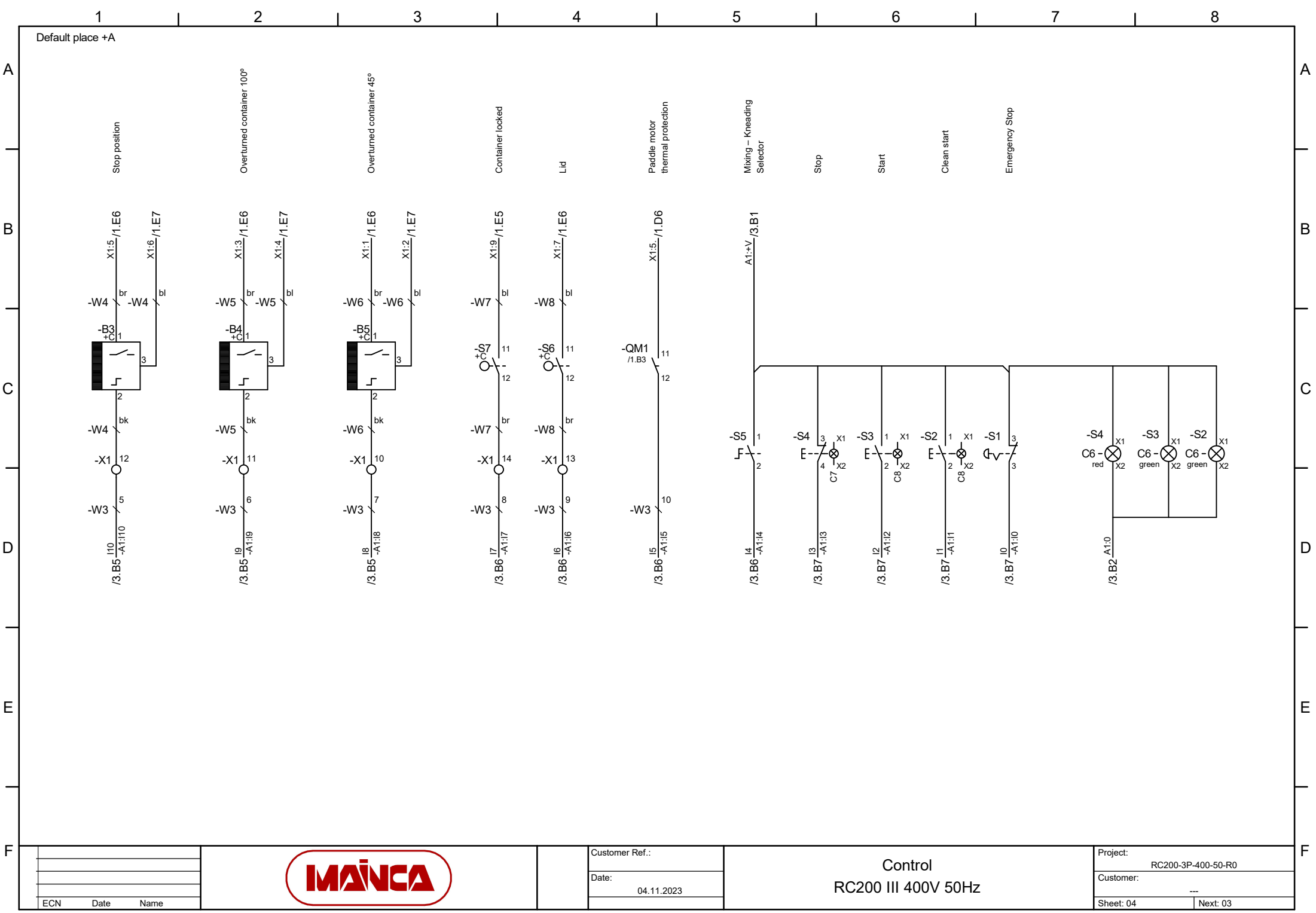
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Date:
04.11.2023

Control
RC200 III 400V 50Hz

Project:
RC200-3P-400-50-R0
Customer:

Sheet: 03
Next: 03

ECN Date Name



Customer Ref.:
Date:
04.11.2023

Control
RC200 III 400V 50Hz

Project:
RC200-3P-400-50-R0
Customer:

Sheet: 04
Next: 03

	1	2	3	4	5	6	7	8
A	Default place +A							
B								
C								
D								
E								
F								

External Destination		Quantity: 14		Internal Destination			
Part and connection	Cable	Bridge Metallic Cable	Number Terminal	Type of Terminal	Cable	Part and connection	Terminal Drawing Place
+C-B5:1		●	1		L+	-F3:	/1.D6
+C-B5:3		●	2		M	-G1:-	/1.D7
+C-B4:1		●	3		-W3:1	-A1:+V	/1.D6
+C-B4:3		●	4		-W3:2	-A1:0V	/1.D7
+C-B3:1		●	5			-QM1:11	/1.D6
+C-B3:3		●	6			-KM1:1A2	/1.D7
+C-S6:11		●	7				/1.D6
+C-M2:-		●	8				/1.D8
+C-S7:11		●	9				/1.D5
+C-B5:2			10		-W3:7	-A1:18	/4.C4
+C-B4:2			11		-W3:6	-A1:19	/4.C3
+C-B3:2			12		-W3:5	-A1:110	/4.C2
+C-S6:12			13		-W3:9	-A1:16	/4.C5
+C-S7:12			14		-W3:8	-A1:17	/4.C4

Complete terminal name : +A-X1

ECN Date Name



Customer Ref.:
Date:
04.11.2023

Terminal List
RC200 III 400V 50Hz

Project: RC200-3P-400-50-R0
Customer: ---
Sheet: 01 Next: 02

	1	2	3	4	5	6	7	8	
	Place	Location	Part	Description	Manufacturer	Reference	Quantity		
A	+A	/1.B3	-QM1	Motor circuit breaker 6 - 10	Schneider	GV2-ME14	1.00	A	
	+A	/1.B3	-QM1	Auxiliary contact block 1NO+1NC	Schneider	GV-AE11	1.00		
	+A	/1.B6	-F1	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.B6	-G1	Power supply 2.5A	Mean Well	WDR-60-24	1.00		
	+A	/1.C6	-F3	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.D1	-QS1	SWITCH-DISCONNECTOR 3P-16A	Mainca	6GIECSQ001	1.00		
	+A	/1.D8	-F2	Fuse holder	Weidmuller	WSI6	1.00		
	+A	/1.E8	-M2	Fan 9.5V 24VDC	Mainca	6XX5114N	1.00		
	+A	/3.C5	-A1	Jazz Micro-OPLC	Unitronics	JZ20-J-R31	1.00		
	+A	/3.D2	-KM11	Contactor 12A 24VDC	Schneider	LC1-D12BL	1.00		
B	+A	/3.D3	-KM12	Contactor 12A 24VDC	Schneider	LC1-D12BL	1.00	B	
	+A	/4.C5	-S5	2 fixed position selector	MOELLER ELECTRIC	M22-WKV	1.00		
	+A	/4.C5	-S5	Push-button body	MOELLER ELECTRIC	M22-A	1.00		
	+A	/4.C5	-S5	Contact block NO	MOELLER ELECTRIC	M22-K10	1.00		
	+A	/4.C6	-S2	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S3	Light push-button	STARPOINT	L22-FM1SRG	1.00		
	+A	/4.C6	-S4	Light push-button	STARPOINT	L22-FM1SRR	1.00		
	+A	/4.C7	-S1	Mushroom push-button red 1NC	Baco	L22ED01-3E01	1.00		
	+C	/4.C1	-B3	Inductive sensor 3 wires M12	IFM	IFS244	1.00		
	+C	/4.C2	-B4	Inductive sensor 3 wires M18	IFM	MSG204	1.00		
C	+C	/4.C3	-B5	Inductive sensor 3 wires M18	IFM	MSG204	1.00	C	
	+C	/4.C4	-S6	Limit switch	Schneider	XCMD2102L2	1.00		
	+C	/4.C4	-S7	Limit switch	Schneider	XCMD2102L2	1.00		
D								D	
E								E	
F								F	



Customer Ref.:

Date:

04.11.2023

Parts list

RC200 III 400V 50Hz

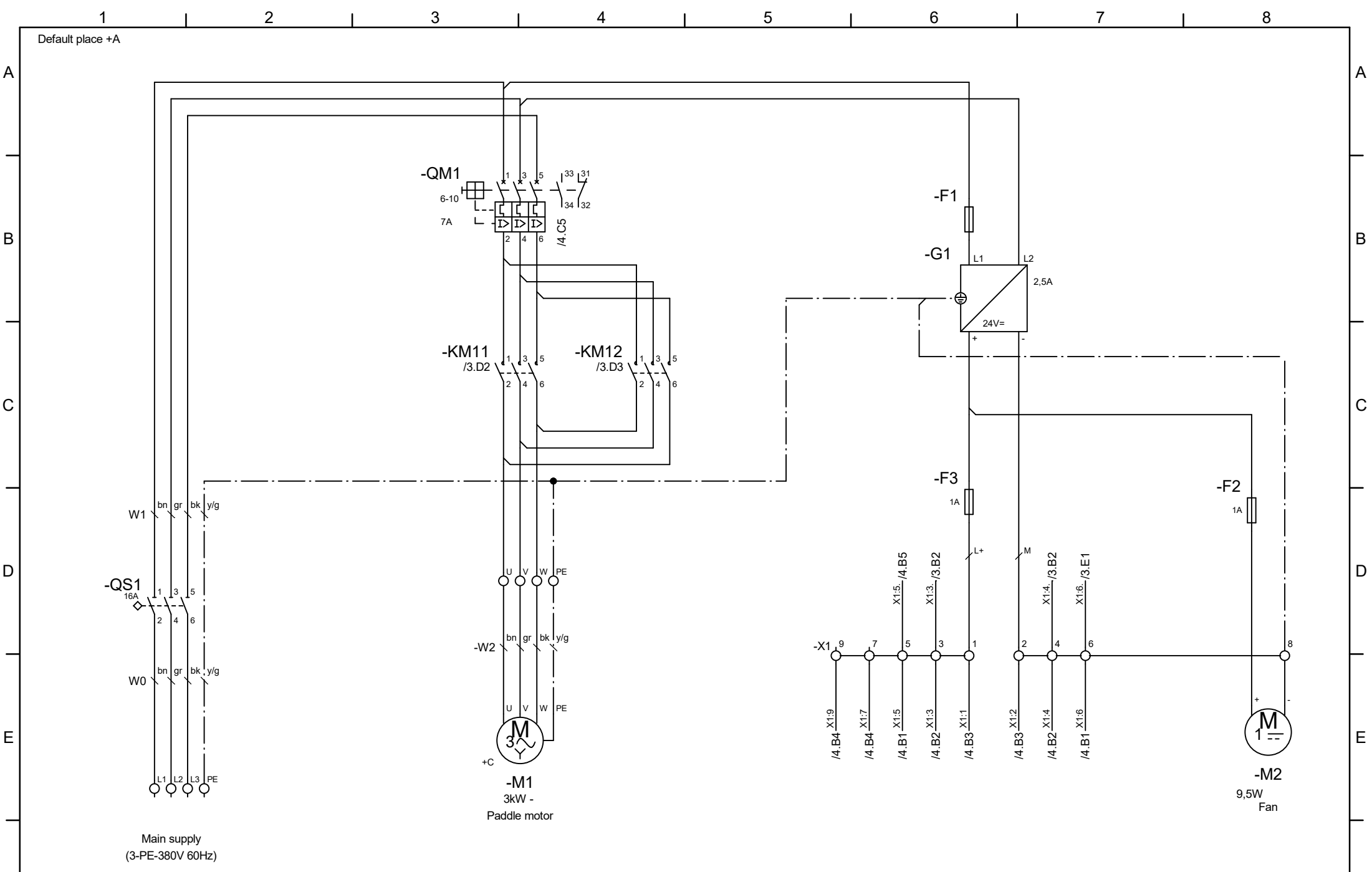
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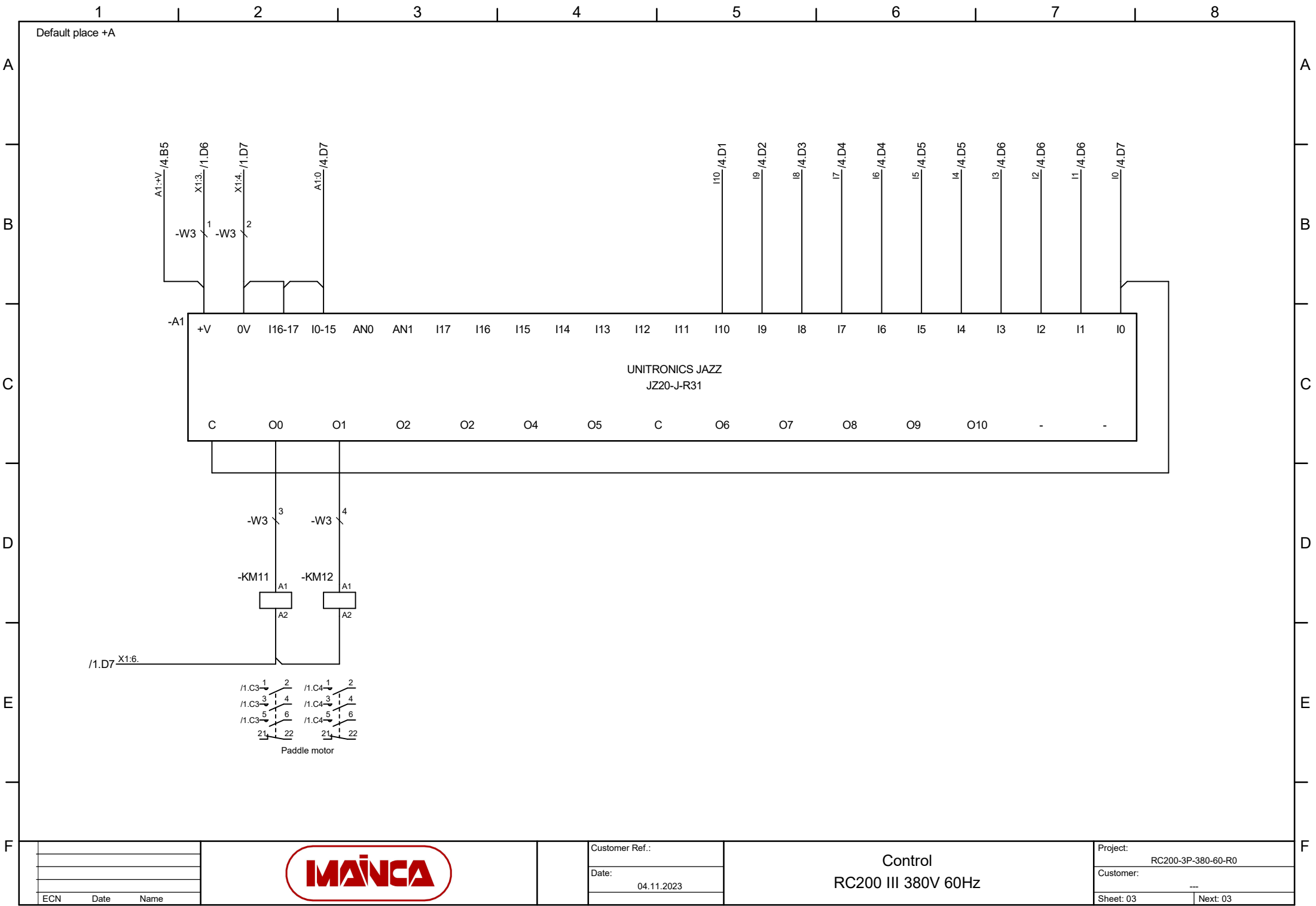
RC200-3P-400-50-R0

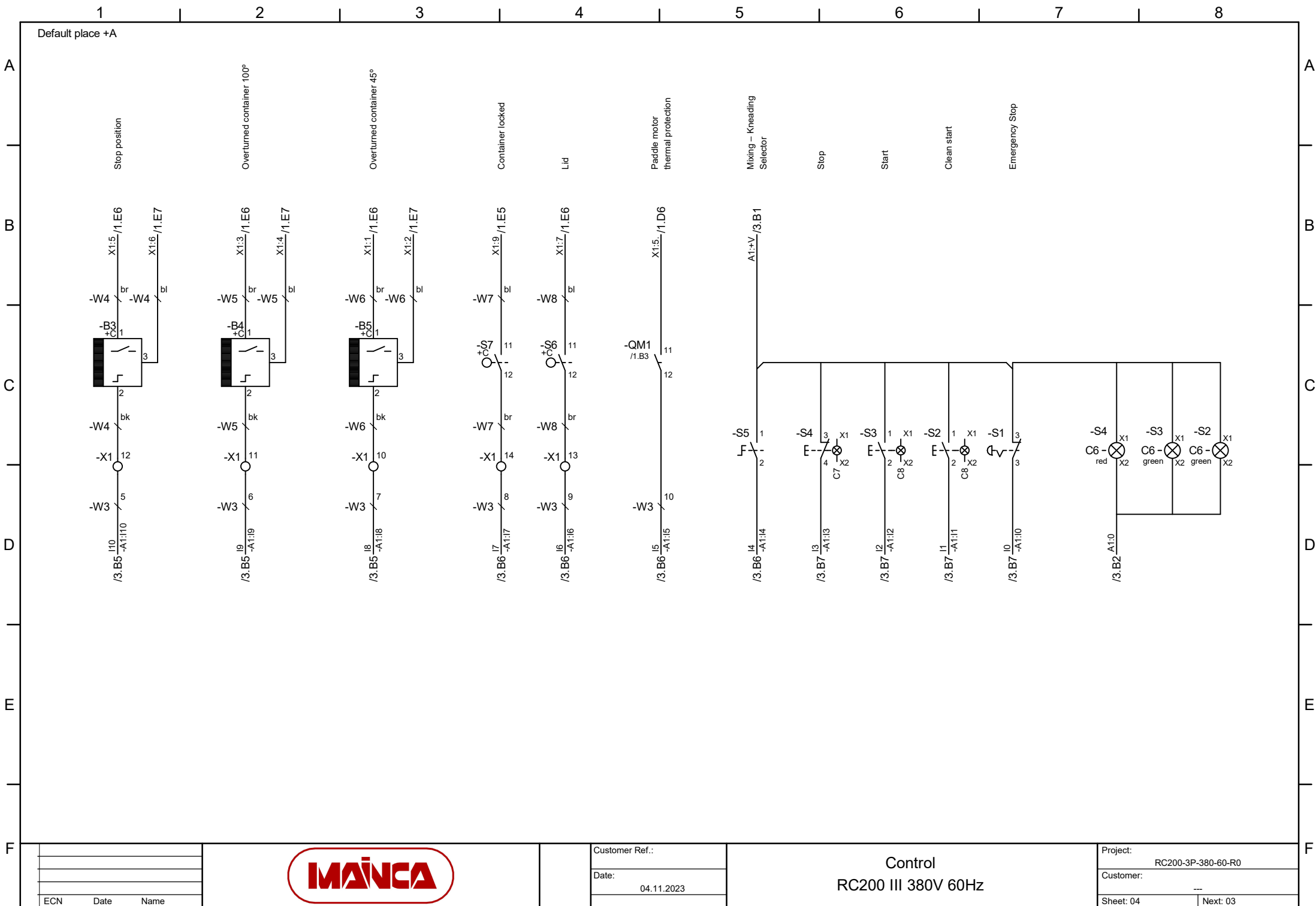
Customer:

Sheet: 01

Next: 01







Default place +A

-X1
Quantity: 14

External Destination			Internal Destination					
Part and connection	Cable	Bridge Cable	Quantity: 14		Cable	Part and connection	Terminal Drawing Place	
			Number Terminal	Type of Terminal				
+C-B5:1			1		L+	-F3:	/1.D6	
+C-B5:3			2		M	-G1:-	/1.D7	
+C-B4:1			3		-W3:1	-A1:+V	/1.D6	
+C-B4:3			4		-W3:2	-A1:0V	/1.D7	
+C-B3:1			5			-QM1:11	/1.D6	
+C-B3:3			6			-KM11:A2	/1.D7	
+C-S6:11			7				/1.D6	
+C-M2:-			8				/1.D8	
+C-S7:11			9				/1.D5	
+C-B5:2			10			-W3:7	-A1:18	/A.C4
+C-B4:2			11			-W3:6	-A1:19	/A.C3
+C-B3:2			12			-W3:5	-A1:110	/A.C2
+C-S6:12			13			-W3:9	-A1:16	/A.C5
+C-S7:12			14			-W3:8	-A1:17	/A.C4

Complete terminal name : +A-X1

ECN	Date	Name



Customer Ref.:

Date:

04.11.2023

Terminal List
RC200 III 380V 60Hz

Project:

RC200-3P-380-60-R0

Customer:

■■■■■

Sheet: 01

Next: 02

		1	2	3	4	5	6	7	8		
Default place +A											
A											
B											
C											
D											
E											
F											
F											

-X2												
Quantity: 8												
External Destination			Internal Destination									
Part and connection			Cable		Bridge Metallic Cable		Number Terminal		Type of Terminal		Cable	
							L1					
							L2					
							L3					
							PE					
							U					
							V					
							W					
							PE					

External Destination			-X2 Quantity: 8			Internal Destination		
Part and connection	Cable	Bridge Metallic Cable	Number Terminal	Type of Terminal	Cable	Part and connection	Terminal Drawing Place	
			L1			-QS1:2	/1.E1	
			L2			-QS1:4	/1.E1	
			L3			-QS1:6	/1.E2	
			PE				/1.E2	
+C-M1:U			U			-KM11:2	/1.D3	
+C-M1:V			V			-KM11:4	/1.D4	
+C-M1:W			W			-KM11:6	/1.D4	
+C-M1:PE			PE			-G1:	/1.D4	



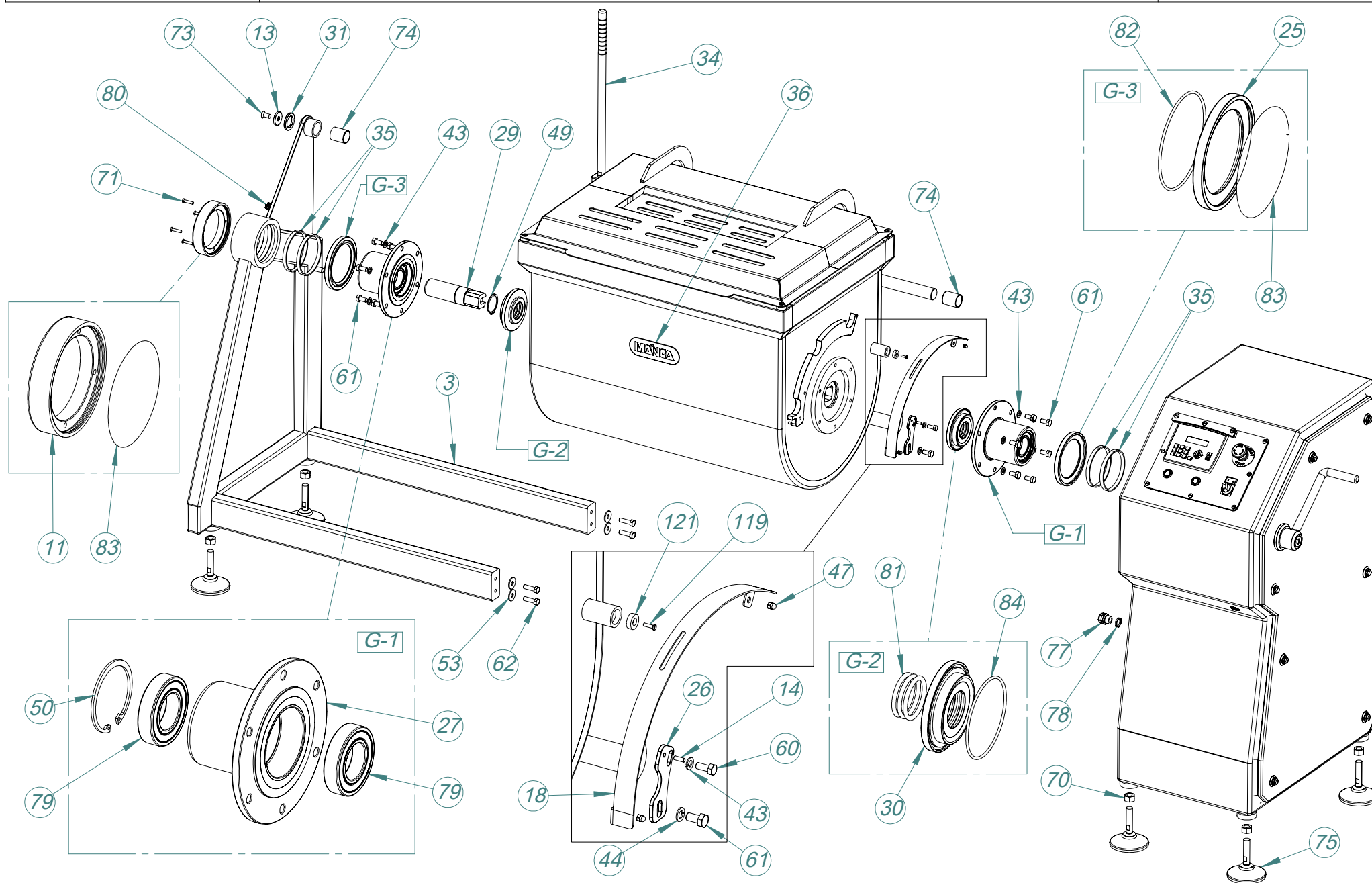
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04.11.2023

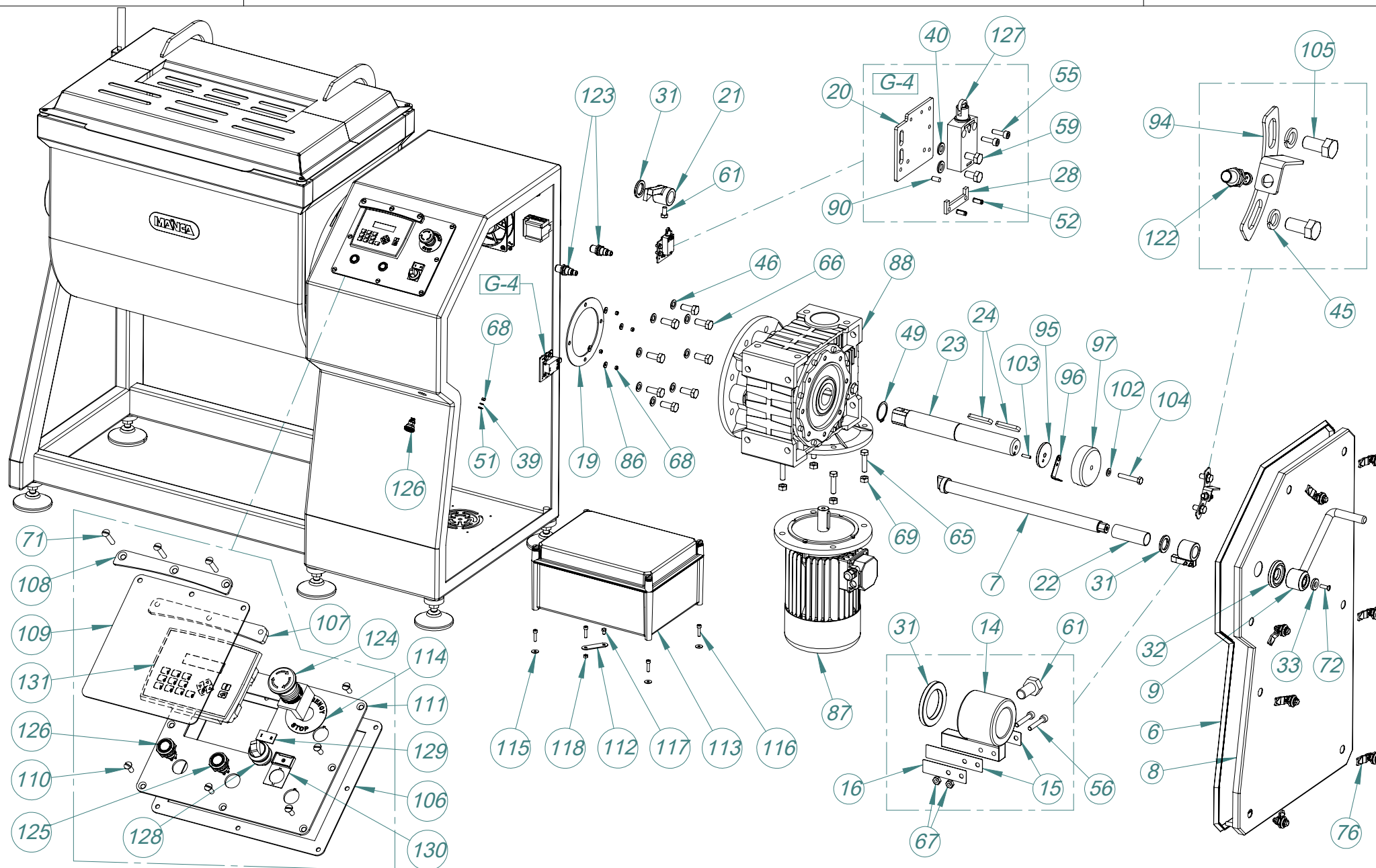
Terminal List
RC200 III 380V 60Hz

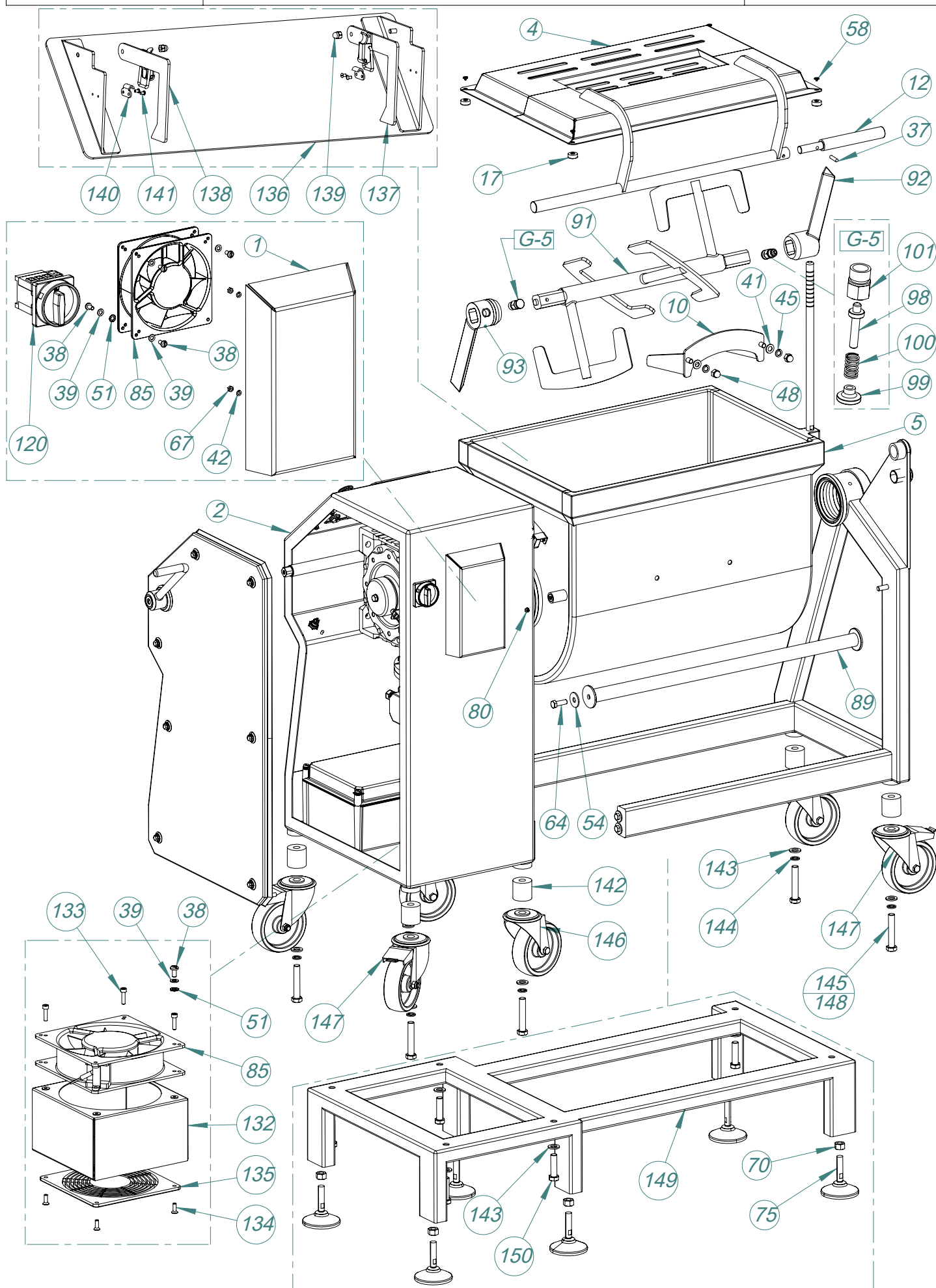
Project:	RC200-3P-380-60-R0
Customer:	---
Sheet: 02	Next: 02

	1	2	3	4	5	6	7	8		
A	Place	Location	Part	Description	Manufacturer	Reference	Quantity	A		
	+A	/1.B3	-QM1	Motor circuit breaker 6 - 10	Schneider	GV2-ME14	1.00			
	+A	/1.B3	-QM1	Auxiliary contact block 1NO+1NC	Schneider	GV-AE11	1.00			
	+A	/1.B6	-F1	Fuse holder	Weidmuller	WSI6	1.00			
	+A	/1.B6	-G1	Power supply 2.5A	Mean Well	WDR-60-24	1.00			
	+A	/1.C6	-F3	Fuse holder	Weidmuller	WSI6	1.00			
	+A	/1.D1	-QS1	SWITCH-DISCONNECTOR 3P-16A	Mainca	6GIECSQ001	1.00			
	+A	/1.D8	-F2	Fuse holder	Weidmuller	WSI6	1.00			
	+A	/1.E8	-M2	Fan 9.5V 24VDC	Mainca	6XX5114N	1.00			
	+A	/3.C5	-A1	Jazz Micro-OPLC	Unitronics	JZ20-J-R31	1.00			
	+A	/3.D2	-KM11	Contacteur 12A 24VDC	Schneider	LC1-D12BL	1.00			
	B	+A	/3.D3	-KM12	Contacteur 12A 24VDC	Schneider	LC1-D12BL		1.00	B
+A		/4.C5	-S5	2 fixed position selector	MOELLER ELECTRIC	M22-WKV	1.00			
+A		/4.C5	-S5	Push-button body	MOELLER ELECTRIC	M22-A	1.00			
+A		/4.C5	-S5	Contact block NO	MOELLER ELECTRIC	M22-K10	1.00			
+A		/4.C6	-S2	Light push-button	STARPOINT	L22-FM1SRG	1.00			
+A		/4.C6	-S3	Light push-button	STARPOINT	L22-FM1SRG	1.00			
+A		/4.C6	-S4	Light push-button	STARPOINT	L22-FM1SRR	1.00			
+A		/4.C7	-S1	Mushroom push-button red 1NC	Baco	L22ED01-3E01	1.00			
+C		/4.C1	-B3	Inductive sensor 3 wires M12	IFM	IFS244	1.00			
+C		/4.C2	-B4	Inductive sensor 3 wires M18	IFM	MSG204	1.00			
C		+C	/4.C3	-B5	Inductive sensor 3 wires M18	IFM	MSG204	1.00	C	
		+C	/4.C4	-S6	Limit switch	Schneider	XCMD2102L2	1.00		
	+C	/4.C4	-S7	Limit switch	Schneider	XCMD2102L2	1.00			
D									D	
	E									E
F										

N° ECN		Date	Name		Customer Ref.:	Parts list RC200 III 380V 60Hz	Project: RC200-3P-380-60-R0	
					Date:		Customer:	
					04.11.2023			
							Sheet: 01	Next: 01







ORDEN	CÓDIGO	DENOMINACIÓN	DENOMINATION	CANTIDAD
1	5FX31663A	TOBERA VENTILACION EXTERIOR	OUTER AIR NOZZLE	1
2	5RC00116	BANCADA RC-200	RC-200 BODY	1
3	5RC10254	CONTRAPUNTO BANCADA RC-200	RC-200 BODY COUNTERPOINT	1
4	5RC10255	TAPA RECIPIENTE RC-200	RC-200 BOWL LID	1
5	5RC20523	RECIPIENTE RC-200	RC-200 BOWL	1
6	5RC20525	JUNTA TAPA BANCADA RC-200	RC-200 BODY LID SEAL	1
7	5RC31672	EJE SEGURO RECIPIENTE RC-200	RC-200 BOWL SAFETY SHAFT	1
8	5RC31673	TAPA BANCADA RC-200	RC-200 BODY LID	1
9	5RC31674	MANETA SEGURO RECIPIENTE RC-200	RC-200 BOWL SAFETY LEVER	1
10	5RC31675	ROMPEDOR RC-200	BREAKERS RC-200	1
11	5RC45150	TAPA LATERAL EJE RC-200	RC-200 SHAFT LATERAL LID	1
12	5RC45151	FIJACION TAPA RECIPIENTE RC-200	RC-200 BOWL LID LOCKING	1
13	5RC45152	VOLANDERA FIJ. TAPA RECIP. RC-200	RC-200 BOWL LID LOCKING WASHER	1
14	5RC45153	CASQUILLO MICRO SEG. RECIP. RC-200	RC-200 BOWL SAFETY MICRO FERRULE	1
15	5RC45154	SUPL. TOPE CASQ. MICRO RECIPIENTE	MICRO FERRULE STOP SHEET	2
16	5RC45155	SUPL. MICRO CASQ. RECIPIENTE	MICRO FERRULE SHEET	1
17	5RC45156	TOPE TAPA RECIPIENTE RC-200	RC-200 BOWL LID STOP	4
18	5RC45164	PROTECCION GIRO RECIPIENTE RC-200	RC-200 BOWL SPIN PROTECTION	1
19	5RC45168	ARANDELA INOX REDUCTOR RC-200	RC-200 REDUCER S.STEEL WASHER	1
20	5RC45170	PLACA FIJACION MICRO RC-200	RC-200 PLATE FOR MICRO FIXATION	2
21	5RC45171	CASQ. MICRO TAPA RECIPIENTE RC-200	RC-200 BOWL LID MICRO FERRULE	1
22	5RC45173	CASQ. BANCADA - RECIPIENTE RC-200	RC-200 BODY - BOWL BUSHING	1
23	5RC45176	EJE MOTOR RC-200	RC-200 MOTOR AXLE	1
24	5RC45182	CHAVETA MOTOREDUCTOR RC-200	RC-200 REDUCER PIN	2
25	5RC45196	VOLANDERA EXTERIOR SOPORTE RC-200	RC-200 SUPPORT EXTERIOR WASHER	2
26	5RC45202	SUPL. POSICIONADOR RECIPIENTE	BOWL POSITION SUPPLEMENT	1
27	5RM31665	SOPORTE RECIPIENTE	BOWL SUPPORT	2
28	5RM42034	U GRUESO PLACA RM-90	U PLATE THICK RM-90	2
29	5RM44932	CONTRAPUNTO EJE MOTOR RM-200	MOTOR PASSIVE SHAFT RM-200	1
30	5RM44949	PLETINA INTERIOR RM-200	INTERIOR SEAL RM-200	2
31	5RM45124	ARANDELA CASQ. MIC. SEG. RECIP.	BOWL MICRO BUSHING WASHER	3
32	5RM45132	ARANDELA MANETA SEG. RECIP.	BOWL LOCKING LEVER WASHER	1
33	5RM45133	PLETINA MANETA SEGURO RECIPIENTE	BOWL LOCKING LEVER CAP	1
34	5RM45136	MANETA VOLCADO RECIPIENTE RM-200	BOWL TILTING LEVER RM-200	1
35	5RM45145	JUNTA GIRO RECIPIENTE	BOWL SPIN JOINT	4
36	5XX41368G	PLAQUITA GRANDE R/S MAINCA 3M	LARGE LABEL R-S MAINCA 3M	1
37	6007I0830	PASADOR CILINDRICO 08x30 INOX	CYLINDER PIN 08x30 S. STEEL	1
38	6085I0510	TORNILLO CAB. ALOMADA 05x10 INOX	SCREW 05x10 S STEEL	4
39	6125I05	ARANDELA 05 INOX	S.STEEL WASHER 05	6
40	6125I06	ARANDELA 06 INOX	S.STEEL WASHER 06	4
41	6125I12	ARANDELA 12 INOX	S.STEEL WASHER 12	2
42	6127I04	ARANDELA GROWER 04 INOX	GROWER WASHER /04 S.STEEL	4
43	6127I08	ARANDELA GROWER 08 INOX	GROWER WASHER /08 S.STEEL	1
44	6127I10	ARANDELA GROWER 10 INOX	GROWER WASHER /10 S.STEEL	13
45	6127I12	ARANDELA GROWER 12 INOX	GROWER WASHER /12 S.STEEL	2
46	6127I14	ARANDELA GROWER 14 INOX	GROWER WASHER /14 S.STEEL	8
47	61587I05	TUERCA CIEGA M-05 INOX	BLIND NUT M-05 S.STEEL	2
48	61587I12	TUERCA CIEGA M-12 INOX	BLIND NUT M-12 S.STEEL	2
49	6471E45I	SEEGER E-45 INOX	CIRCLIP E-45 S STEEL	2
50	6472I85	SEEGER I-85	I-85 SEEGER	2
51	66798I05	ARANDELA DENTADA M5 INOX	S.STEEL SERRATED WASHER M5	3
52	67343I0410	PASADOR ESPIRAL M04x10 INOX	S.STEEL SPIRAL SPRING PIN 04x10	4
53	69021I10	ARANDELA ALA ANCHA 10 INOX	WIDE WASHER 10 S.STEEL	4
54	69021I12	ARANDELA ALA ANCHA 12 INOX	WIDE WASHER 12 S.STEEL	1
55	6912I0414	TORNILLO ALLEN 04x14 INOX	ALLEN SCREW 04x14 S.STEEL	4
56	6912I0425	TORNILLO ALLEN 04x25 INOX	ALLEN SCREW 04x25 S.STEEL	2
58	6921I0405	TORNILLO CABEZA PLANA M04x05 INOX	S.STEEL SLOTTED PAN HEAD SCREW 04x05	4
59	6933I0612	TORNILLO 6 CANTOS 06x12 INOX	S.STEEL 6 SIDES SCREW 06x12	4
60	6933I0820	TORNILLO 6 CANTOS 08x20 INOX	S.STEEL 6 SIDES SCREW 08x20	1
61	6933I1020	TORNILLO 6 CANTOS 10x20 INOX	S.STEEL 6 SIDES SCREW 10x20	15
62	6933I1035	TORNILLO 6 CANTOS 10x35 INOX	S.STEEL 6 SIDES SCREW 10x35	4
64	6933I1235	TORNILLO 6 CANTOS 12x35 INOX	S.STEEL 6 SIDES SCREW 12x35	1
65	6933I1250	TORNILLO 6 CANTOS 12x50 INOX	S.STEEL 6 SIDES SCREW 12x50	4
66	6933I1435	TORNILLO 6 CANTOS 14x35 INOX	S.STEEL 6 SIDES SCREW 14x35	8
67	6934I04	TUERCA M-04 INOX	NUT M-04 S.STEEL	6
68	6934I05	TUERCA M-05 INOX	NUT M-05 S.STEEL	6
69	6934I12	TUERCA M-12 INOX	NUT M-12 S.STEEL	4
70	6934I16	TUERCA M-16 INOX	NUT M-16 S.STEEL	6

ORDEN	CÓDIGO	DENOMINACIÓN	DENOMINATION	CANTIDAD
71	6964I0630	TORNILLO GOTA SEBO 06x30 INOX	OVAL HEAD S.STEEL SCREW 06x30	4
72	6964I0825	TORNILLO GOTA SEBO 08x25 INOX	OVAL HEAD S.STEEL SCREW 08x25	1
73	6964I1020	TORNILLO GOTA SEBO 10x20 INOX	OVAL HEAD S.STEEL SCREW 10x20	1
74	6COA181303440	COJINETE FRICCION Ø30xØ34x40	FRICTION BUSHING Ø30xØ34x40	2
75	6HMF100M16L70	PIE MAQUINA INOX	S.STEEL RUBBER FEET	6
76	6CIK111424	CIERRE HIGIENICO INOX	S.STEEL HYGIENIC LATCH	7
77	6PEPG13,5C	PRENSA ESTOPA PG-13,5 CAP-TOP	CABLE GLANDS PG-13,5 CAP-TOP	1
78	6PEPG13TN	TUERCA PG-13 METAL	METAL GLAND NUT 13	1
79	6RD62092RS	RODAMIENTO 6209-2RS	BEARING 6209-2RS	4
80	6RA71412AI18G	RACOR ENGRASADOR DIN71412A 1/8"	GREASING FITTING DIN71412A 1/8"	2
81	6TO04505V75	TORICA 45x05 VITON (75ShA)	O-RING Ø45x05 VITON (75ShA)	6
82	6TO11503	TORICA 115x03 NBR	O-RING 115x03 NBR	2
83	6TO13003	TORICA 130x03 NBR	O-RING 130x03 NBR	3
84	6TO9603	TORICA 96x3	O-RING Ø96x3	2
85	6XX5114N	VENTILADOR 5114N 24V CC	FAN 5114N 24V CC	1
86	69021I05	ARANDELA ALA ANCHA 05 INOX	WIDE WASHER 05 S.STEEL	4
87	S/TABLA 1	MOTOR RC-200	MOTOR RC-200	1
88	S/TABLA 1	REDUCTOR RC-200	REDUCER RC-200	1
89	5RC31671	BARRA UNION BANCADA RC-200	RC-200 BODY UNION BAR	1
90	6007I0408	PASADOR CILINDRICO 04x08 INOX	CYLINDER PIN 04x08 S. STEEL	4
3RC200PD		GP.PALA DESMONTABLE RC-200	RC-200 REMOVABLE PADDLE GROUP	
45	6127I12	ARANDELA GROWER 12 INOX	GROWER WASHER /12 S.STEEL	2
91	5RC20524	NUCLEO PALA DESMONTABLE RC-200	REMOVABLE MIXING SHAFT RC-200	1
92	5RC45157	TRIANGULO IZQ. PALA DESMONTABLE RC-200	REMOVABLE SHAFT LEFT TRIANGLE RC-200	1
93	5RC45158	TRIANGULO DER. PALA DESMONTABLE RC-200	REMOVABLE SHAFT RIGHT TRIANGLE RC-200	1
94	5RC45199	BASE DETECTOR POSICION PALA RC-200	RC-200 PADDLE DETECT POSITION BASE	1
95	5RC45200	VOLANDERA DET. POS. PALA RC-200	RC-200 PADDLE DETECT POSITION WASHER	1
96	5RC45201	PLETINA DET, POSICION PALA RC-200	RC-200 PADDLE DETECT POSITION PLATE	1
97	5RC45217	PROTECCION CHAPA SENSOR	SENSOR PLATE PROTECTION	1
98	5RM44677	EJE FIJACION PALA	LOCKING PADDLE SHAFT	2
99	5RM44678	POMO ROSCADO FIJACION PALA RM-200	LOCKING PADDLE KNOB RM-200	2
100	5RM44679	MUELLE FIJACION PALA	LOCKING PADDLE SPRING	2
101	5RM44680	SOPORTE FIJACION PALA RM-200	LOCKING PADDLE SUPPORT RM-200	2
102	6125I10	ARANDELA 10 INOX	S.STEEL WASHER 10	1
103	6916I0625	ESPARRAGO ALLEN 06x25 INOX	GRUB SCREW 06x25 S. STEEL	1
104	6933I1060	TORNILLO 6 CANTOS 10x60 INOX	S.STEEL 6 SIDES SCREW 10x60	1
105	6933I1225	TORNILLO 6 CANTOS 12x25 INOX	S.STEEL 6 SIDES SCREW 12x25	2
3RC200PLC		GRUPO MECANICO PLC RC-200	RC-200 PLC MECHANICAL GROUP	
71	6964I0630	TORNILLO GOTA SEBO 06x30 INOX	OVAL HEAD S.STEEL SCREW 06x30	3
106	5RC31677	SILICONA PLACA MANDOS PLC RC-200	RC-200 PLC CONTROL PANEL SILICONE	1
107	5RC44712	SOPORTE PROTECCION PLC RC-100	PROTECTION SUPPORT PLC RC-100	1
108	5RC44714	SUPL. SOPORTE PROT. PLC RC-100	PROTECTION SUPPORT SUPL. PLC RC-100	1
109	5RC45195	PROTECCION PLC RC-200	PROTECTION PLC RC-200	1
110	6964I0616	TORNILLO GOTA SEBO 06x16 INOX	OVAL HEAD S.STEEL SCREW 06x16	6
		GRUPO ELECTRICO	ELECTRICAL GROUP	
111	5RC31676	PLACA MANDOS PLC RC-200	RC-200 PLC CONTROL PANEL PLATE	1
112	5RC45218	CHAPA FIJACION CUADRO RC-200	RC-200 ELECTRICAL PANEL FASTENING PLATE	1
113	S/TABLA 1	CUADRO ELECTRICO	ELECTRICAL PANEL	1
114	63466	DISCO "EMERGENCY STOP" A22Z	EMERGENCY STOP DISC A22Z	1
115	69021I06	ARANDELA ALA ANCHA 06 INOX	WIDE WASHER 06 S.STEEL	3
116	6912I0625	TORNILLO ALLEN 06x25 INOX	ALLEN SCREW 06x25 S.STEEL	4
117	6933I0610	TORNILLO 6 CANTOS 06x10 INOX	S.STEEL 6 SIDES SCREW 06x10	1
118	6934I06	TUERCA M-06 INOX	NUT M-06 S.STEEL	1
119	6963I0416	TORNILLO CAB PLANA M4x16	SLOTTED COUNTERSUNK SCREW M4x16	1
120	6GIECSQ001	INTERRUPTOR GISQ032+MANDO+POLO	SWITCH GISQ032+COMMAND+POLE	1
121	6IFE10751	IMAN M03	MAGNET M03	1
122	6IFIFS244	DETECTOR INDUCTIVO PNP NO M12 4mm	PNP INDUCTIVE DETECTOR NO M12 4mm	1
123	6IFMSG204	DETECTOR MAG. PNP NO M18 70mm	PNP MAGNETIC DETECTOR NO M18 70mm	2
124	6L22ED01D	PULSADOR SETA L22ED01+331E+33E0	RED SWITCH L22ED01+331E+33E0	1
125	6PUL22FM1SRR	PULSADOR PARO L22-FM1SRR	STOP BUTTON L22-FM1SRR	1
126	6PUL22FM1SRGCC	PULSADOR MARCHA L-22-FM1SRG CC	START BUTTON L-22-FM1SRG CC	2
127	6ZCMD22	MICRO SCHNEIDER XCMD2102L2	MICRO SCHNEIDER XCMD2102L2	2

ORDEN	CÓDIGO	DENOMINACIÓN	DENOMINATION	CANTIDAD
128	6M22WKV	SELECTOR EN V SIN RETORNO 2P	SELECTOR V POS. WITHOUT RETURN 2P	1
129	6BT1527	PORTAETIQUETAS BT 15x27	LABEL HOLDER BT 15x27	1
130	6KS152712	PLACA IDENTIFICACION KS 15x27	IDENTIFICATION PLATE KS 15x27	1
131	6PLCRC200	PLC UNITRONICS RC-200	UNITRONICS PLC RC-200	1
3RC200VENT		VENTILADOR OPCIONAL RC-200	RC-200 OPTIONAL FAN	
38	6085I0510	TORNILLO CAB. ALOMADA 05x10 INOX	SCREW 05x10 S STEEL	1
39	6125I05	ARANDELA 05 INOX	S.STEEL WASHER 05	1
51	66798I05	ARANDELA DENTADA M5 INOX	S.STEEL SERRATED WASHER M5	1
85	6XX5114N	VENTILADOR 5114N 24V CC	FAN 5114N 24V CC	1
132	5FC31329	SOPORTE VENTILADOR FC-30	FAN SUPPORT FC-30	1
133	6912I0416	TORNILLO ALLEN 04x16 INOX	ALLEN SCREW 04x16 S.STEEL	3
134	6964I0412	TORNILLO GOTA SEBO 04x12 INOX	OVAL HEAD S.STEEL SCREW 04x12	4
135	6EMLZ331	TAPA REGISTRO-VENTILADOR	FAN LID	1
2RC31679		FLAP DESMONTABLE RC-200	RC-200 DETACHABLE FLAP	
136	5RC31679	FLAP DESMONTABLE RC-200	RC-200 DETACHABLE FLAP	1
137	5RC31680D	GRAPA DERECHA FLAP DES. RC-200	RC-200 DETACHABLE FLAP RIGHT CRAMP	1
138	5RC31680I	GRAPA IZQ. FLAP DES. RC-200	RC-200 DETACHABLE FLAP LEFT CRAMP	1
139	61587I05	TUERCA CIEGA M-05 INOX	BLIND NUT M-05 S.STEEL	2
140	6CI1673874	CIERRE FLAP DESMONTABLE RC-200	RC-200 DETACHABLE FLAP LOCKING	2
141	6POEI0305	TORNILLO POELIER 03x05 INOX	POELIER SCREW 03x05 S.STEEL	4
2RC20RCR		G. RUEDAS CON CASQUILLOS	WHEELS GROUP WITH SPACERS	
142	5RC45216	TACO SEPARADOR RUEDAS RC-200	WHEELS SPACER RC-200	6
143	6125I16	ARANDELA 16 INOX	S.STEEL WASHER 16	6
144	6127I16	ARANDELA GROWER 16 INOX	GROWER WASHER /16 S.STEEL	6
145	6933I1690	TORNILLO 6 CANTOS 16x90 INOX	S.STEEL 6 SIDES SCREW 16x90	6
146	6SYR15045	RUEDAS ROJAS 150x45 INOX S/F	S.STEEL RED WHEELS 150x45 WITHOUT BREAK	2
147	6SYR15045F	RUEDAS ROJAS 150x45 INOX C/F	S.STEEL RED WHEELS 150x45 WITH BREAK	4
2RC20RR		GRUPO RUEDAS	WHEELS GROUP	
143	6125I16	ARANDELA 16 INOX	S.STEEL WASHER 16	6
144	6127I16	ARANDELA GROWER 16 INOX	GROWER WASHER /16 S.STEEL	6
146	6SYR15045	RUEDAS ROJAS 150x45 INOX S/F	S.STEEL RED WHEELS 150x45 WITHOUT BREAK	2
147	6SYR15045F	RUEDAS ROJAS 150x45 INOX C/F	S.STEEL RED WHEELS 150x45 WITH BREAK	4
148	6933I1645	TORNILLO 6 CANTOS 16x45 INOX	S.STEEL 6 SIDES SCREW 16x45	6
2RC31681		G. PLAT. ELEVACION RC-200	RISING PLATFORM GROUP RC-200	
143	6125I16	ARANDELA 16 INOX	S.STEEL WASHER 16	6
149	5RC31681	PLATAFORMA ELEVACION RC-200	RC-200 RISING PLATFORM	1
150	6933I1660	TORNILLO 6 CANTOS 16x60 INOX	S.STEEL 6 SIDES SCREW 16x60	6