

1	2	3	4	5	6	7	8				
AUBO-EN											
<div><div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div>傲博智能</div><div>AUBO</div></div></div><div><div>AUBO（BeiJing）Robotics Technology Co.,Ltd</div><div>Adr.: 98 of Lianshihu West Road, BeiJing, China</div><div>URL: www.our-robotics.com TEL: 010-88595859</div></div></div>											
<div><div><div><div>End customer</div><div>Certification for use</div><div>Project description</div><div>Control Box V3.4</div><div>Job number</div><div>AUBO-2021-006</div></div><div><div>Manufacturer（company）</div><div>AUBO（BeiJing）Robotics Technology Co.,Ltd</div><div>Project name</div><div>Improved+Control+Box+UL-V2.1KMxiu</div><div>Responsible for project</div><div>Construction</div><div>Place of installation</div><div>None</div></div><div><div><div>Created on</div><div>2016/6/15</div><div>Edit date</div><div>2022/8/17</div></div><div><div>Number of pages</div><div>24</div></div></div></div></div>											
Approval	Audit	Review	Design	Date	ChangeDate	Title page / cover sheet	Improved+Control+Box+UL-V2.1KMxiu				
			陈辉	2016/6/15	2022/8/17	<div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div> <div><div>傲博智能</div><div>AUBO</div></div> AUBO（BeiJing）Robotics Technology Co.,Ltd	项目编号	AUBO-2021-006	=WD	Page	1

1、 The drawing follow standard is as follows:

2、Wire identification tags (line No.) adopts "independent + complement marking" labelling method. Such as:



5.8—Connection points of page Numbers and coordinates

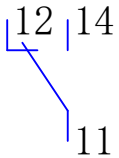
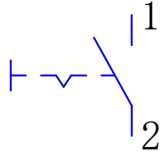
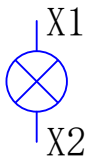
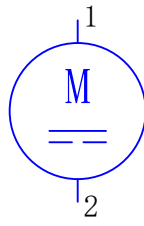
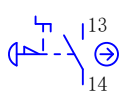
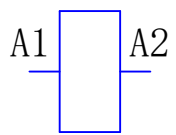

RD - red	BK - black	BU - blue	BN - brown	YE- yellow	OG - orange	WT-white	WB - white with blue stripe
GN - green	VT - purple	GY - gray	PK - pink	GD - golden	TQ - light blue	GNYE - yellow and green	

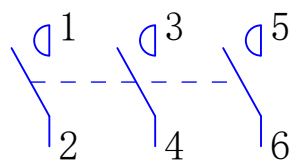
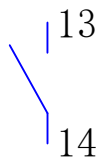

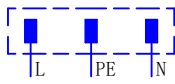
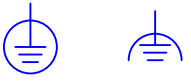
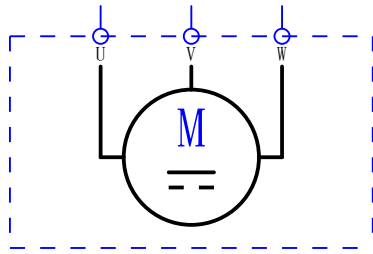

The diagram illustrates the internal wiring and components of a circuit breaker (C16). Key elements include:

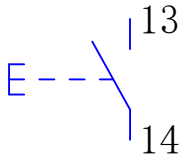
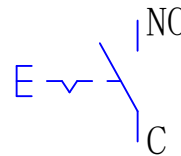
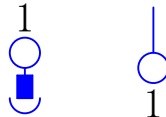
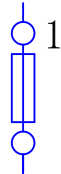
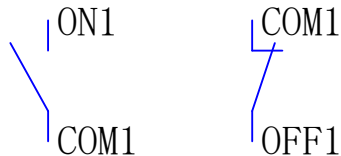
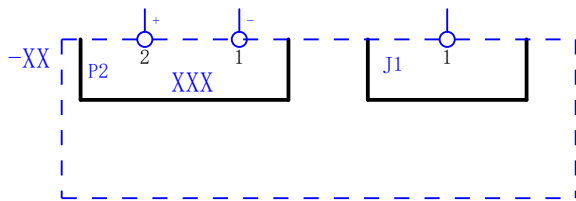

- Line No.:** Labels for the incoming and outgoing lines (N11, L11, N20, N21).
- Text symbols:** Labels for the circuit breaker (C16) and the interruption point.
- Wire color and wire size (AWG):** Labels for the wires (TQ 2.5, BK 2.5).
- Contact number:** Labels for the contacts (1, 2, 3, 4).
- Graphic symbol:** Labels for the circuit breaker symbol (FB3) and the interruption point symbol (N20, N21).

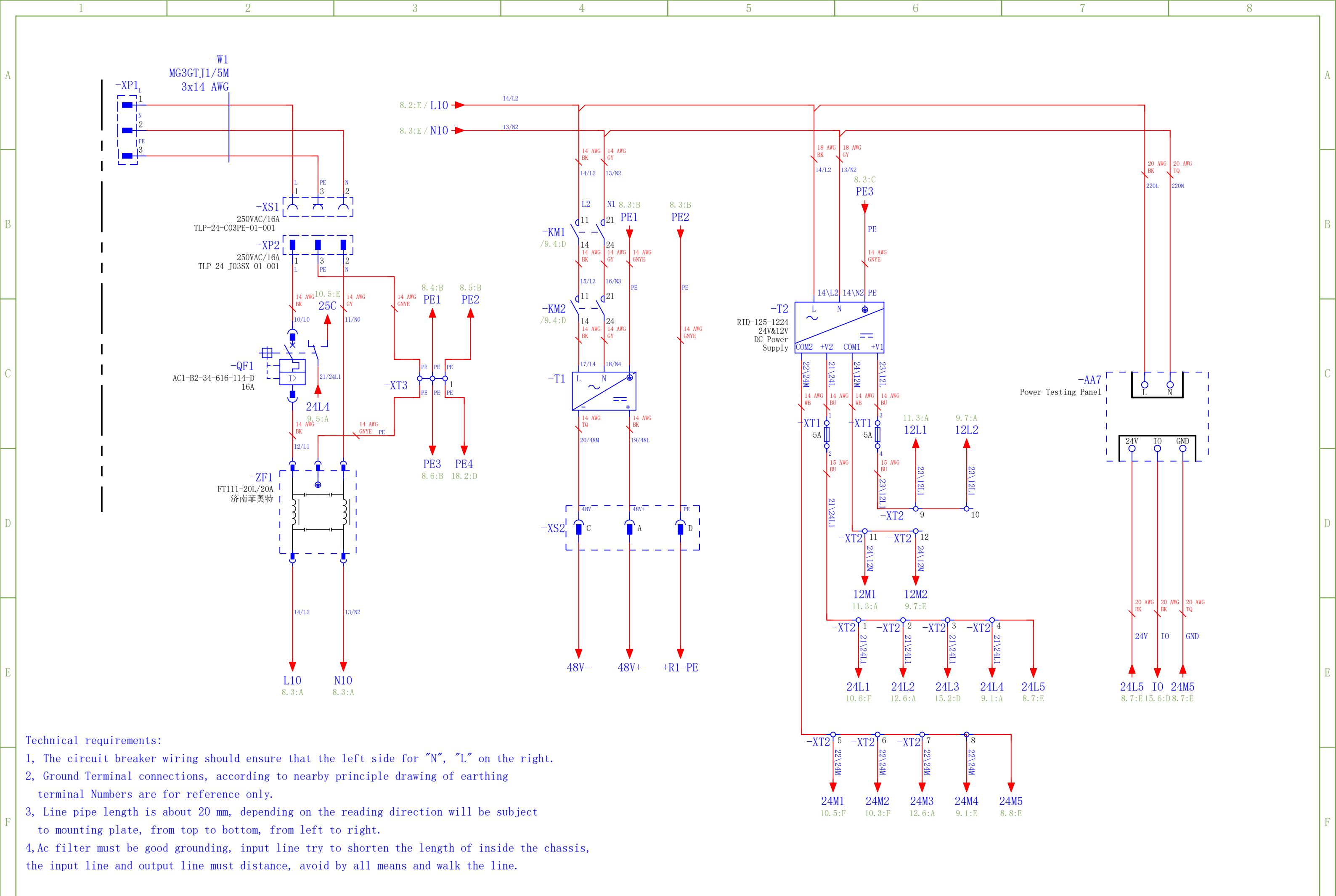
Approval	Audit	Review	Design	Date	ChangeDate	Technical Requirements		Improved+Control+Box+UL-V2.1KMxiu		=GN	Page	1
			陈辉	2016/6/15	2022/8/17		AUBO (BeiJing) Robotics Technology Co.,Ltd	项目编号	AUBO-2021-006	+K1	Total	24

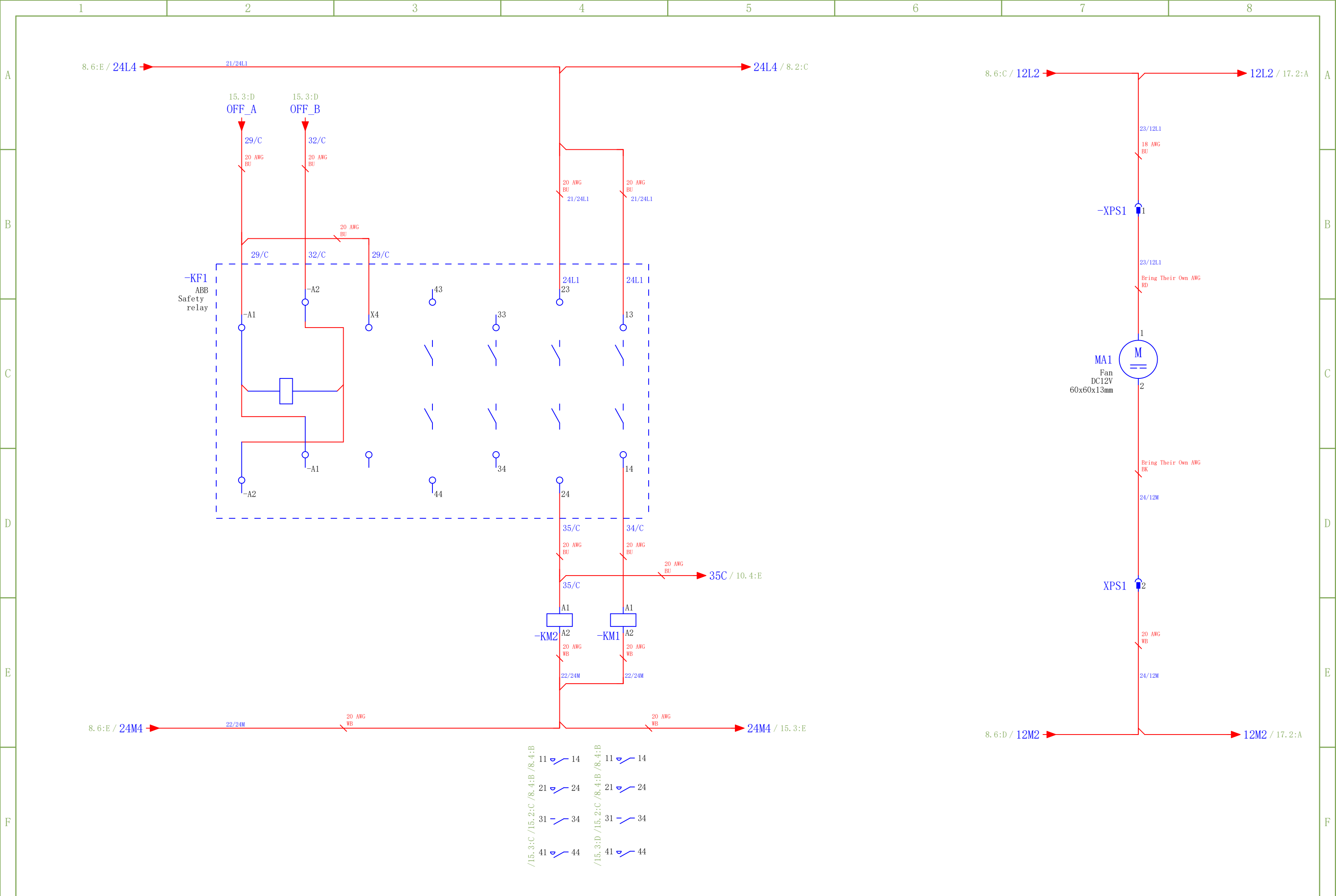
N0.	Graphics	Code	Explain	Remark
1		-QF	Ground fault current circuit-breaker	2-Pole
2		-ZF	AC Filter	
3		-QF	Power circuit breaker	2-Pole
4		-T1	DC Power Supply	48VDC
5		-T2	DC Power Supply	24&12VDC
6		-KF1	Safety Relay	

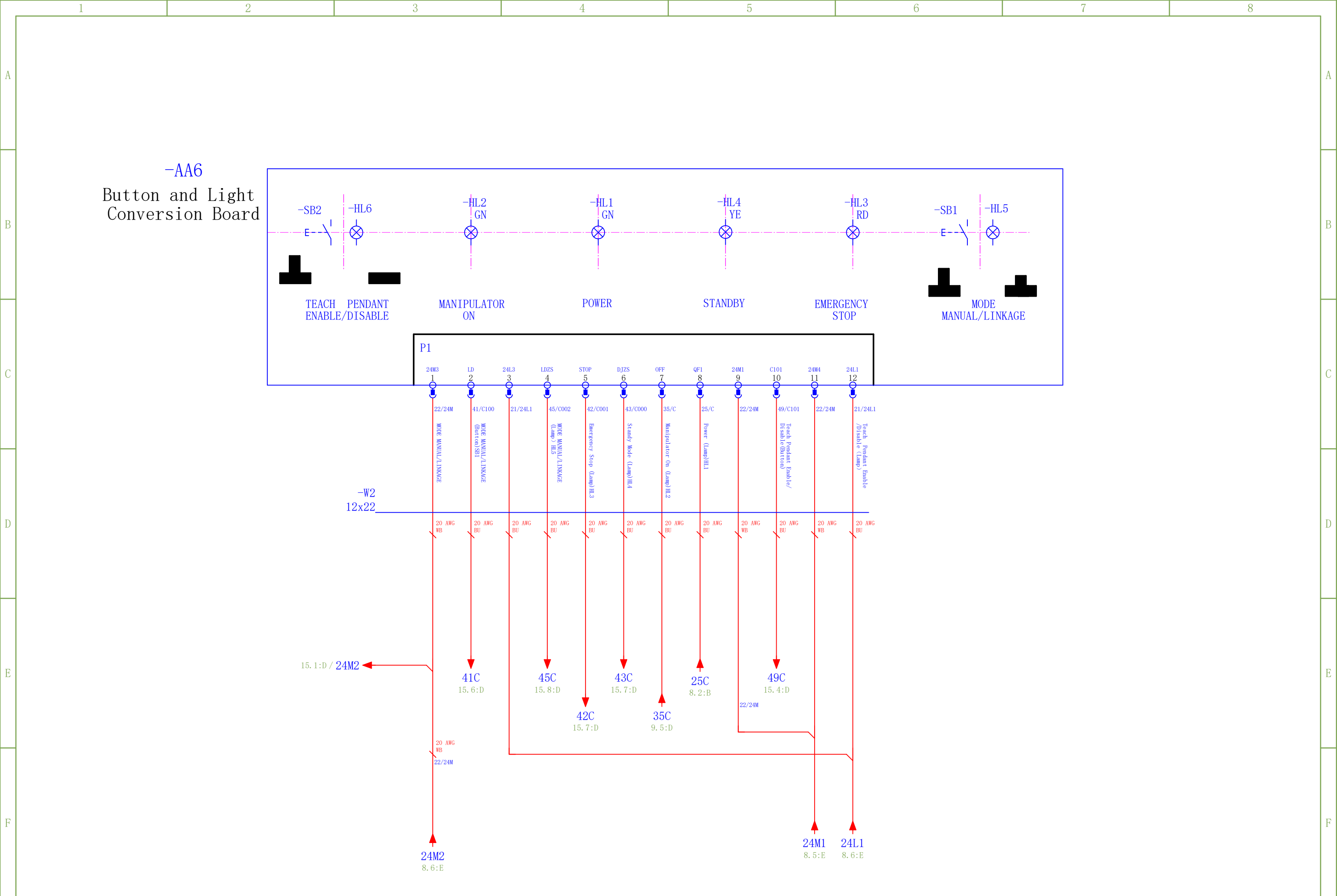
LEGEND									
NO.	Graphics	Code	Explain				Remark		
7		-FB1	Indicates Module				12/11--NC;14/11--NO		
8		-SA1	Guide Rail Switch				NO contact, general		
9		-HL1~6	Pilot Lamp/Indicator Light				2-Pole		
10		-MA1	DC Fan						
11		-SB2/SB4	Emergency Stop Button						
12		-KA1~2	Contactor Coil						
Approval		Audit	Review	Design	Date	ChangeDate	Legend		Improved+Control+Box+UL-V2.1KMxiu
			陈辉	2016/6/15	2022/8/17	 AUBO (BeiJing) Robotics Technology Co.,Ltd	项目编号	AUBO-2021-006	=GN
									+K1
									Page
									3
									Total
									24

LEGEND															
NO.	Graphics			Code	Explain				Remark						
13				-kM1~2	Main Contact				NO contact						
14				-KM1~2	Auxiliary Contact				NO contact						
15				-XPS	Connectors										
16				-XP1	Power Plug				3-Pole						
17				PE/GND	Ground Connection										
18				-MA1~6	DC Motor										
Approval		Audit	Review	Design	Date	ChangeDate	Legend			Improved+Control+Box+UL-V2.1KMxiu		=GN	Page	4	
				陈辉	2016/6/15	2022/8/17	 AUBO (BeiJing) Robotics Technology Co.,Ltd			项目编号	AUBO-2021-006		+K1	Total	24

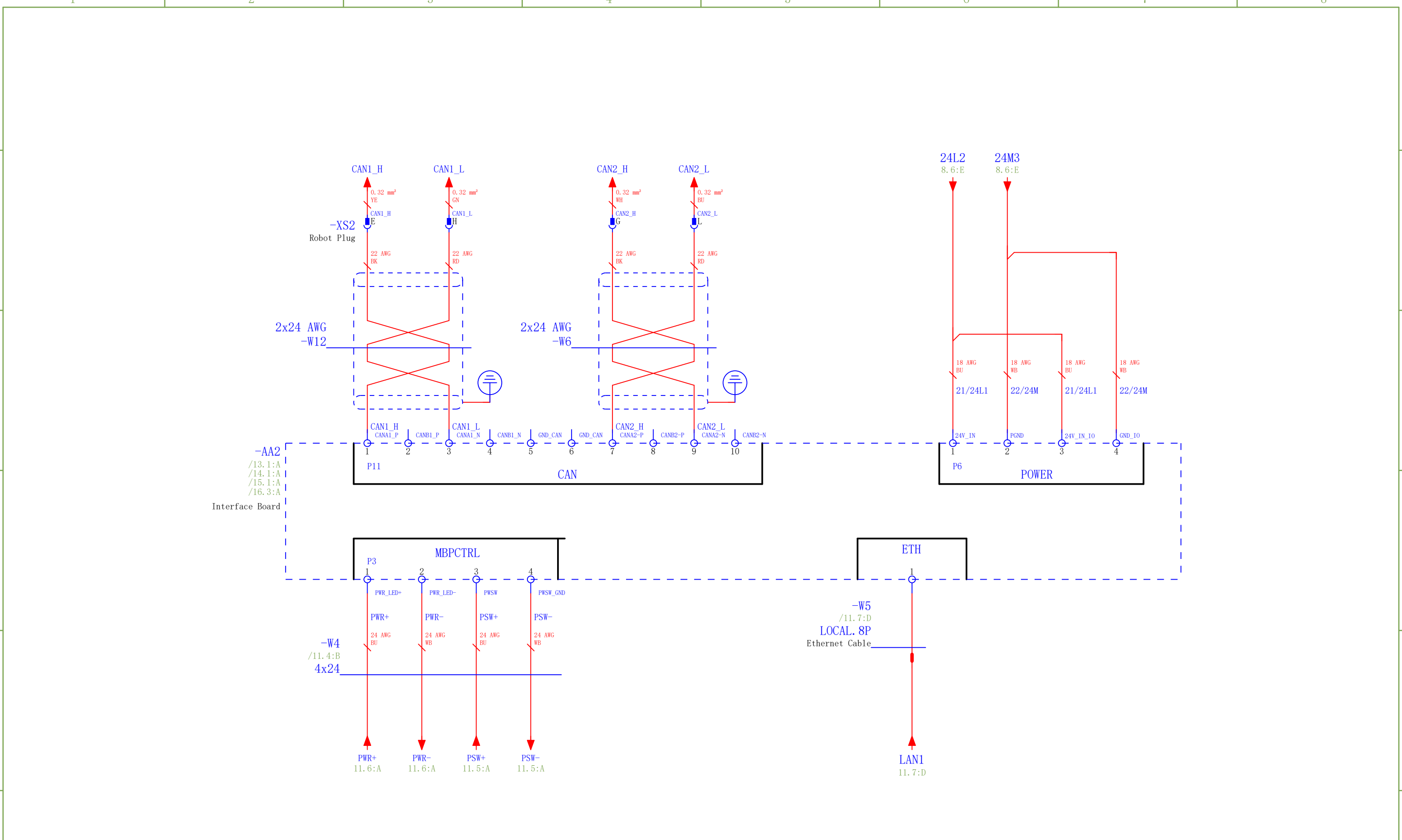
1	2	3	4	5	6	7	8						
A	LEGEND							A					
	NO.	Graphics	Code	Explain		Remark							
B	19		-SB3/SB5	Indicates Module		12/11--NC;14/11--NO							
	20		-SB1	locking Press Button		NO contact							
C	21		-X	Terminal									
D	22		-XT1	Terminal Blocks with Fuse									
E	23		-KM1	Relay Contact		NO contact NC Contact							
F	24		-AA1~/AB1~/AC~	PCB Function board		Contains the interface definitions							
Approval		Audit	Review	Design	Date	ChangeDate	Legend	Improved+Control+Box+UL-V2.1KMxiu		=GN	Page	5	
				陈辉	2016/6/15	2022/8/17	 AUBO (BeiJing) Robotics Technology Co.,Ltd	项目编号	AUBO-2021-006		+K1	Total	24







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|----------|-------|--------|--------|-----------|------------|--|-----------------------------------|---------------|-----|-------|----|
| Approval | Audit | Review | Design | Date | ChangeDate | Industrial Control Unit Wiring Diagram | Improved+Control+Box+UL-V2.1KMxiu | | =GN | Page | 11 |
| | | | 陈辉 | 2016/6/15 | 2022/8/17 |  AUBO (BeiJing) Robotics Technology Co.,Ltd | 项目编号 | AUBO-2021-006 | +K1 | Total | 24 |
| | | | | | | | | | | | |



Technical requirements:

1, Line pipe length is about 20 mm, subject the reding direction to mounting plate, from top to bottom, from left to right.

2, Two wire connect together, will use the double cold-press terminal to connect.

