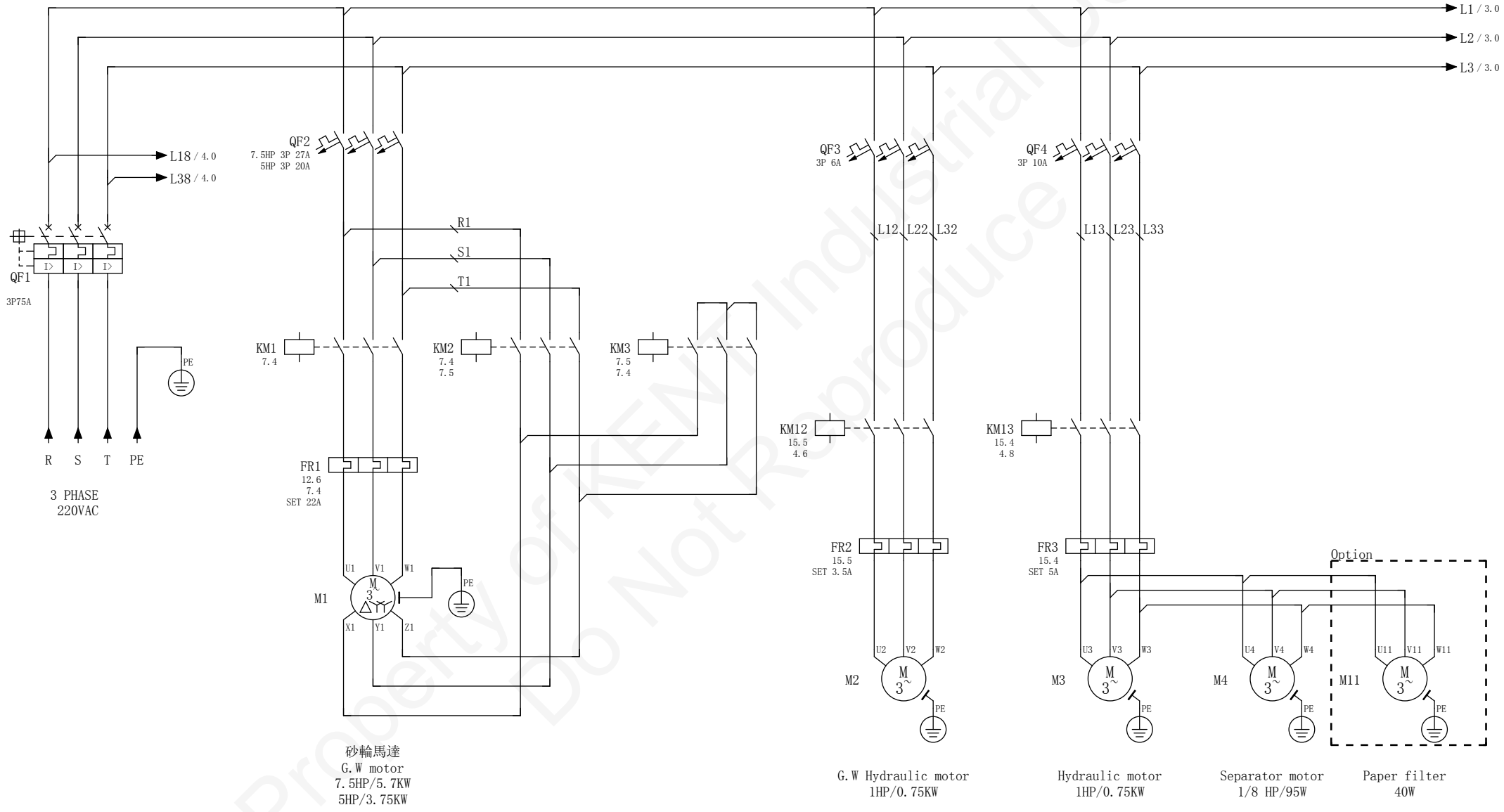
| | |
|---|---|
| Company / customer | EPLAN |
| Project description | |
| Job number | KUG NC2(J4+Hy.tailstock+CE2.0+Yaskawa Inverter) KUG NC2 |
| Commission | |

Manufacturer (company)

| | |
|---|---|
| Path | Pages and devices, sequential numbering |
| Project name | KUG NC2 (J4+Hy.tailstock+CE2.0+Yaskawa Inverter) |
| Make | Cylindrical Grinding machine |
| Type | |
| Place of installation | |
| Responsible for project | |
| Part feature | Sonderlackierung |

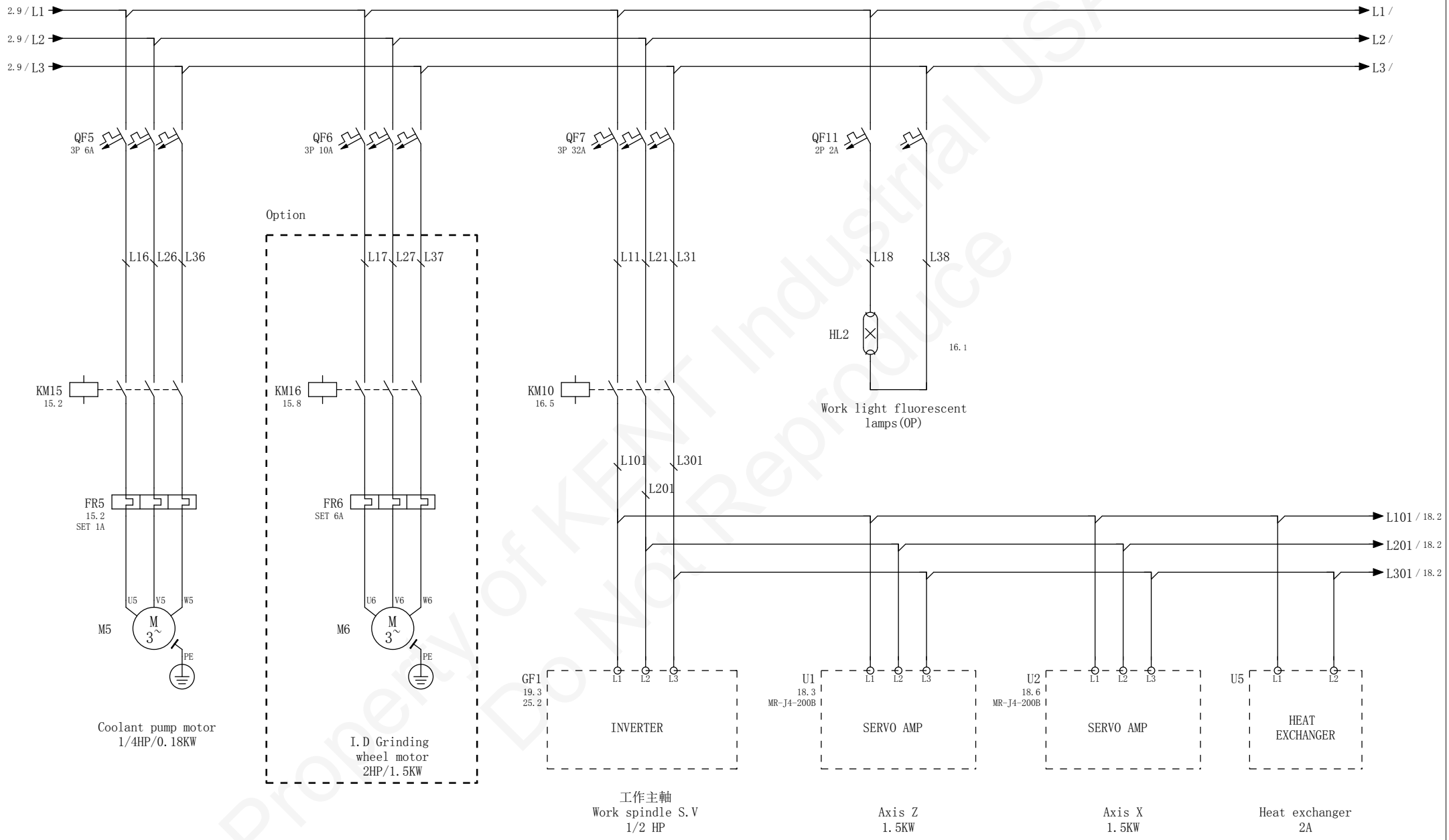
Created on 2009/7/30

Edit date 2024/9/4 by (short name) 8143 Number of pages 26





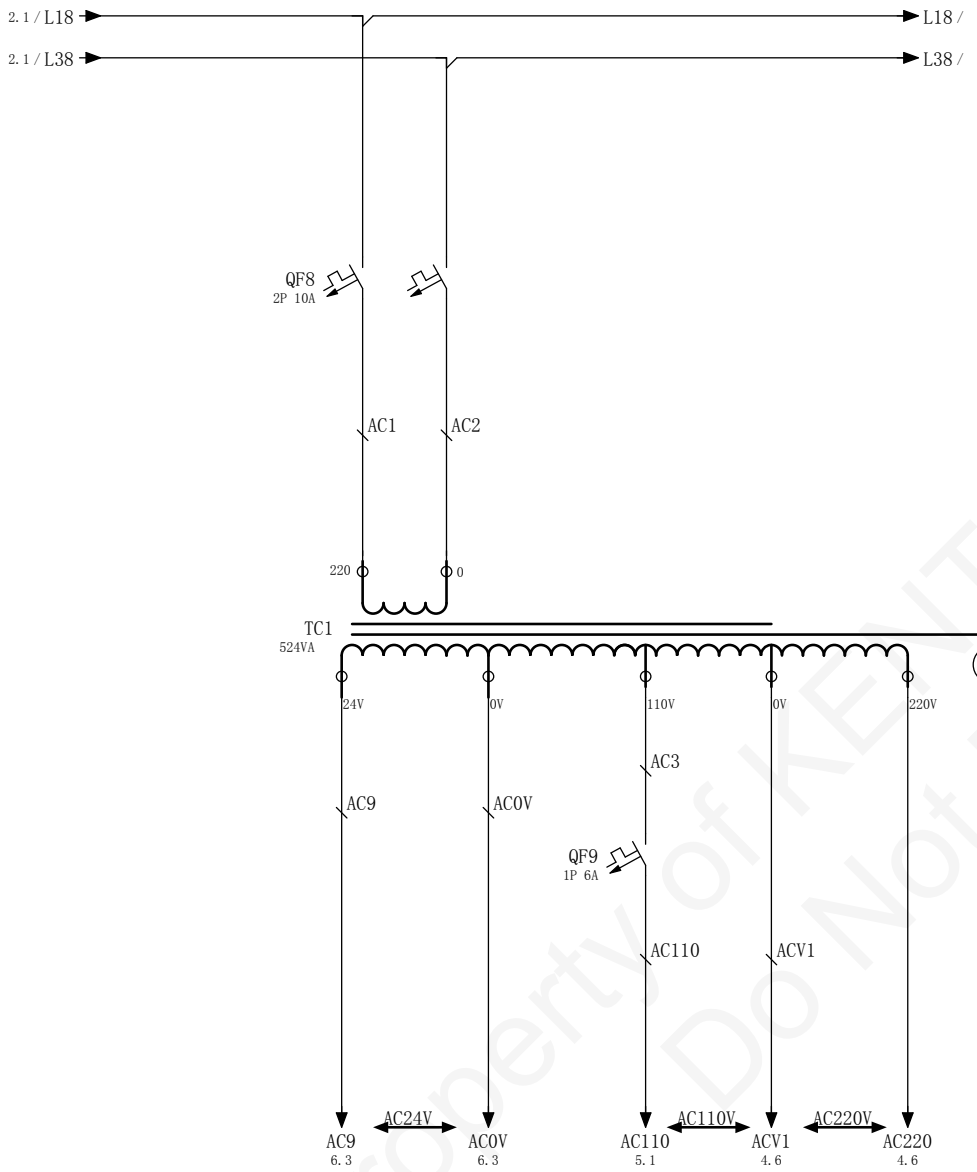

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/7/19 | KUG NC2 | | MAIN CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 2 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 2/26 |

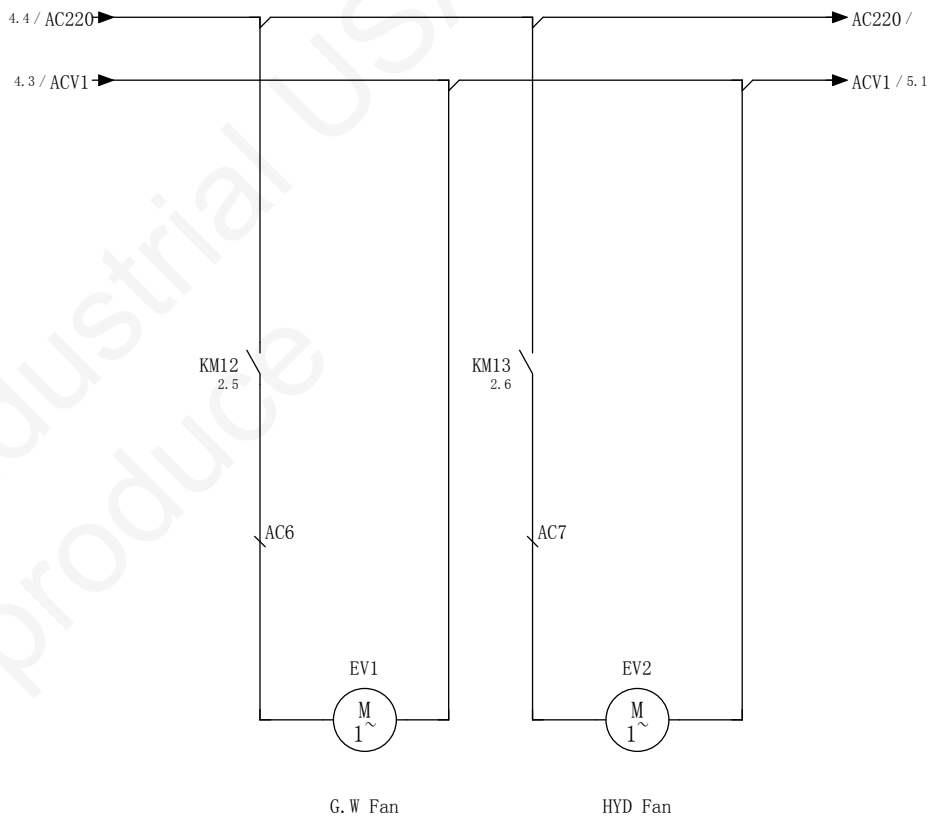





2 4

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/19 | KUG NC2 | | MAIN CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 3 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 3/26 |

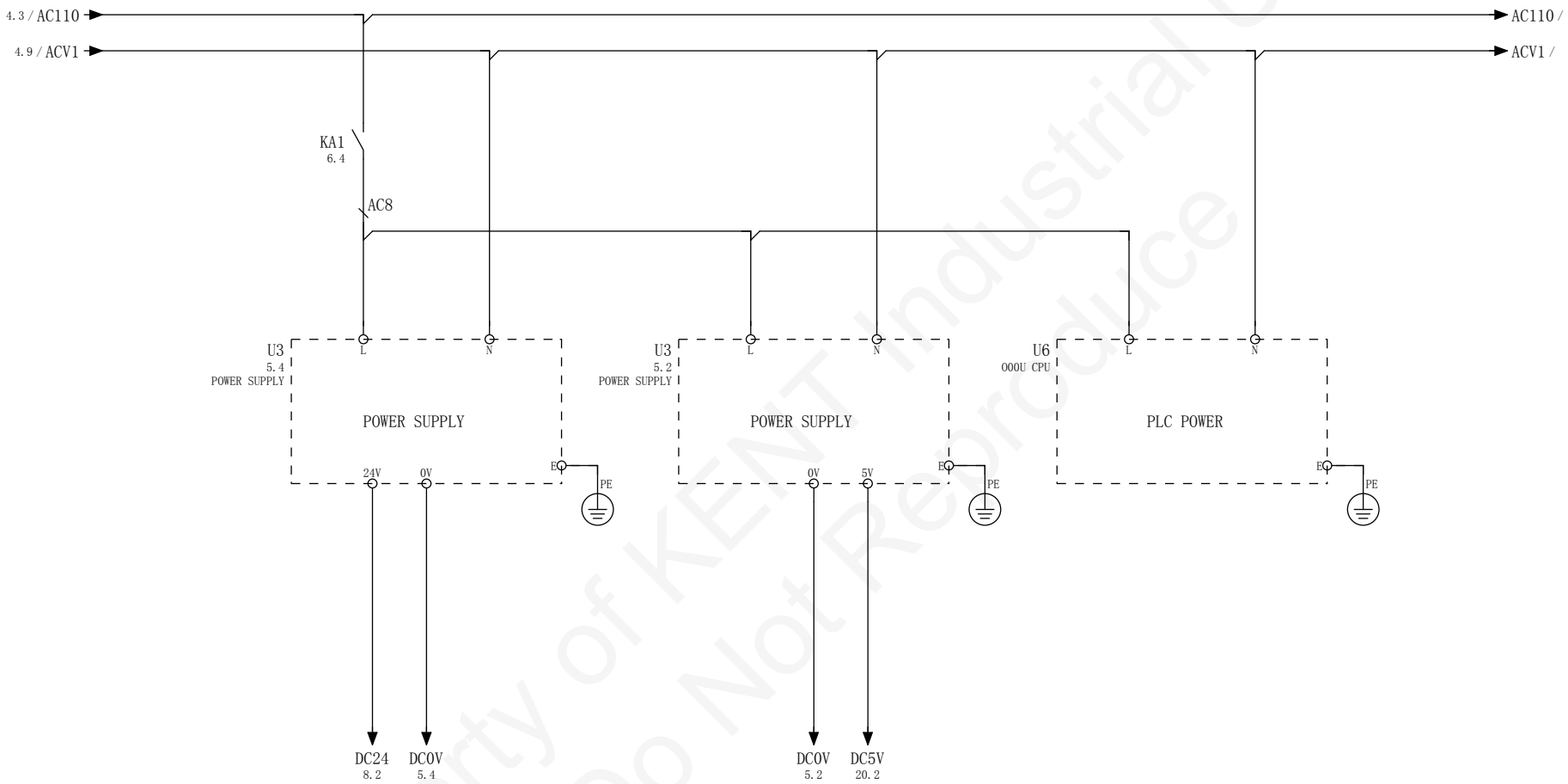


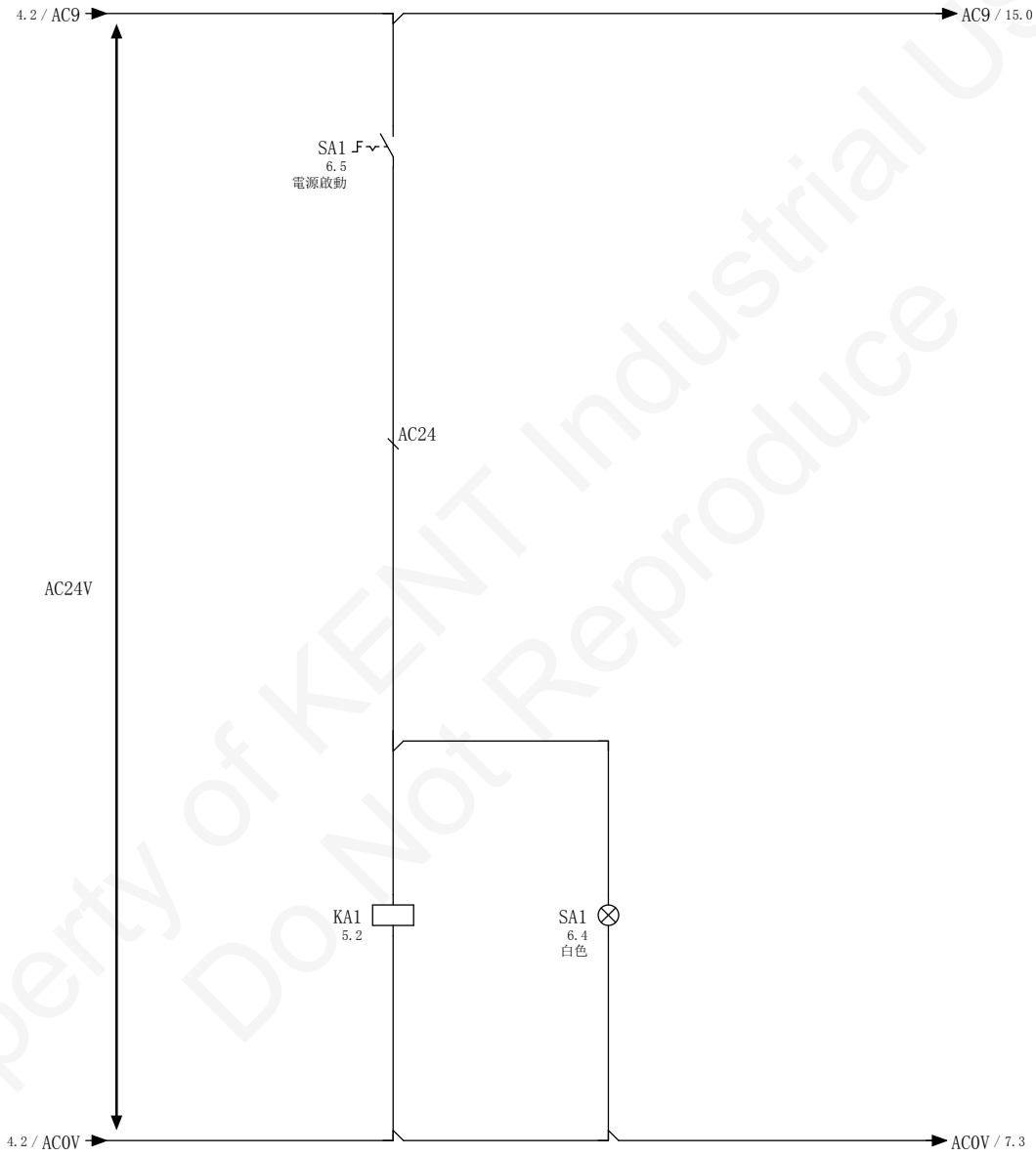






3 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | MAIN CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 4 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 4/26 |

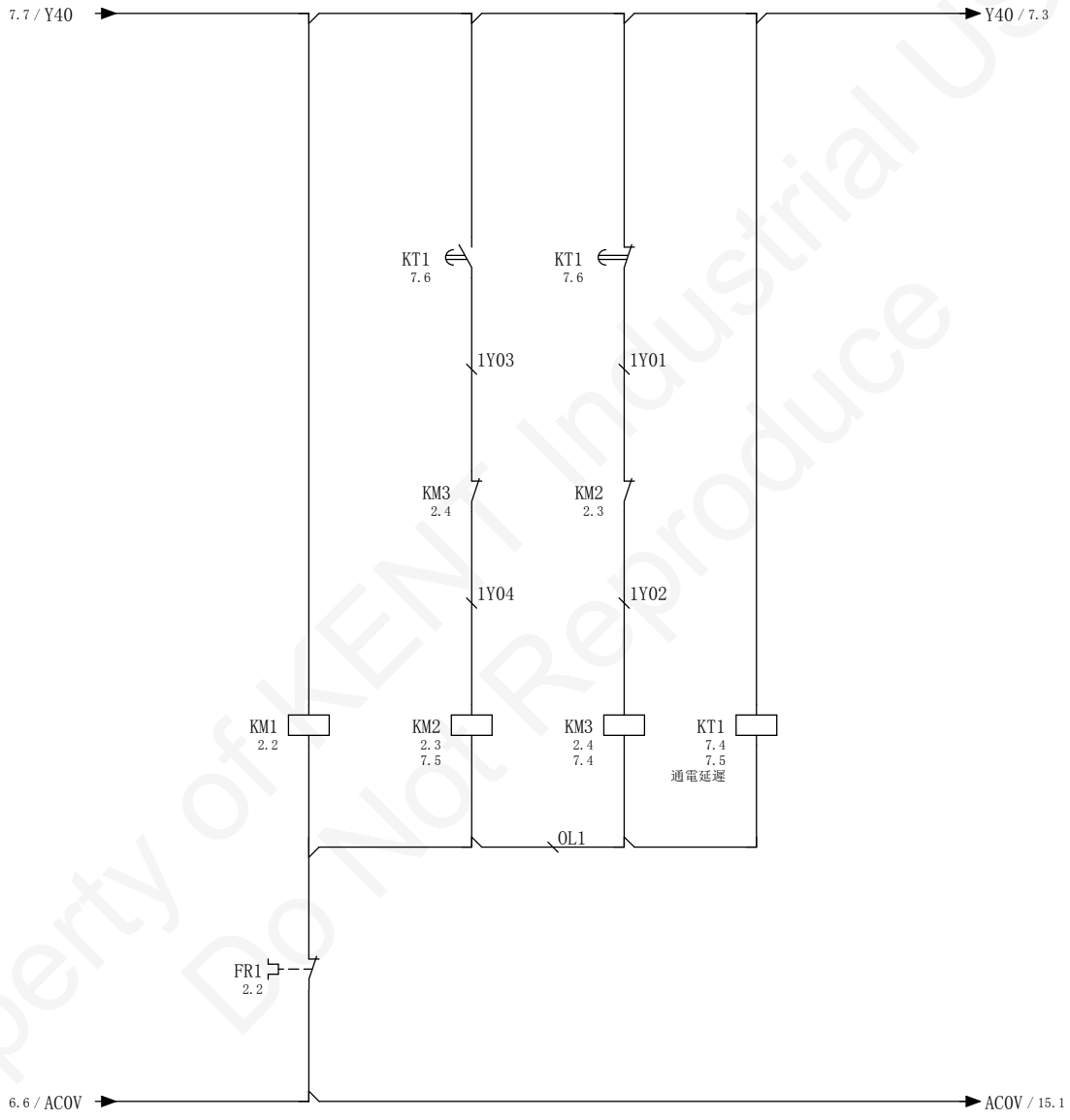







5 7

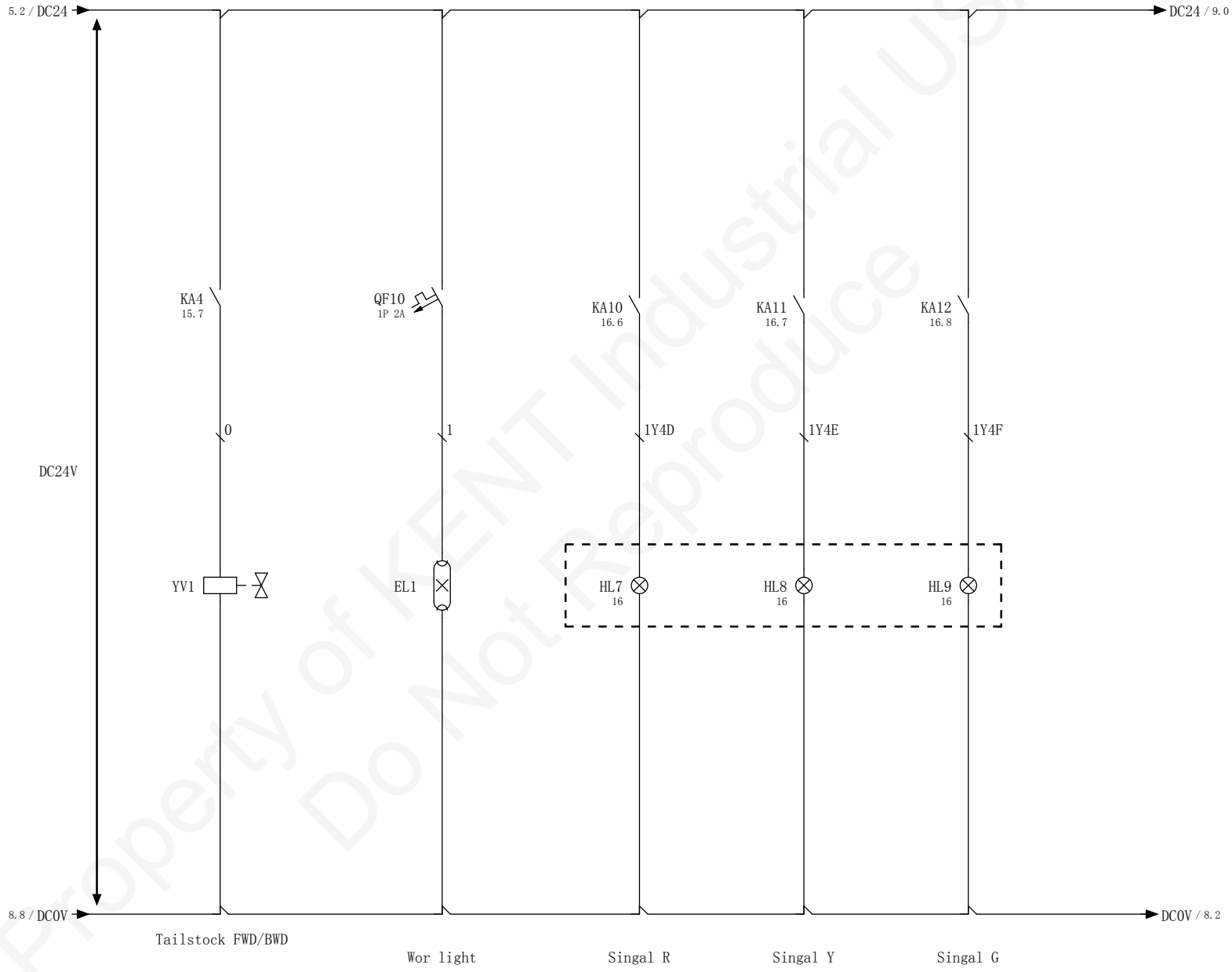
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/19 | KUG NC2 | | AC CONTROL CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 6 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 6/26 |






6 8

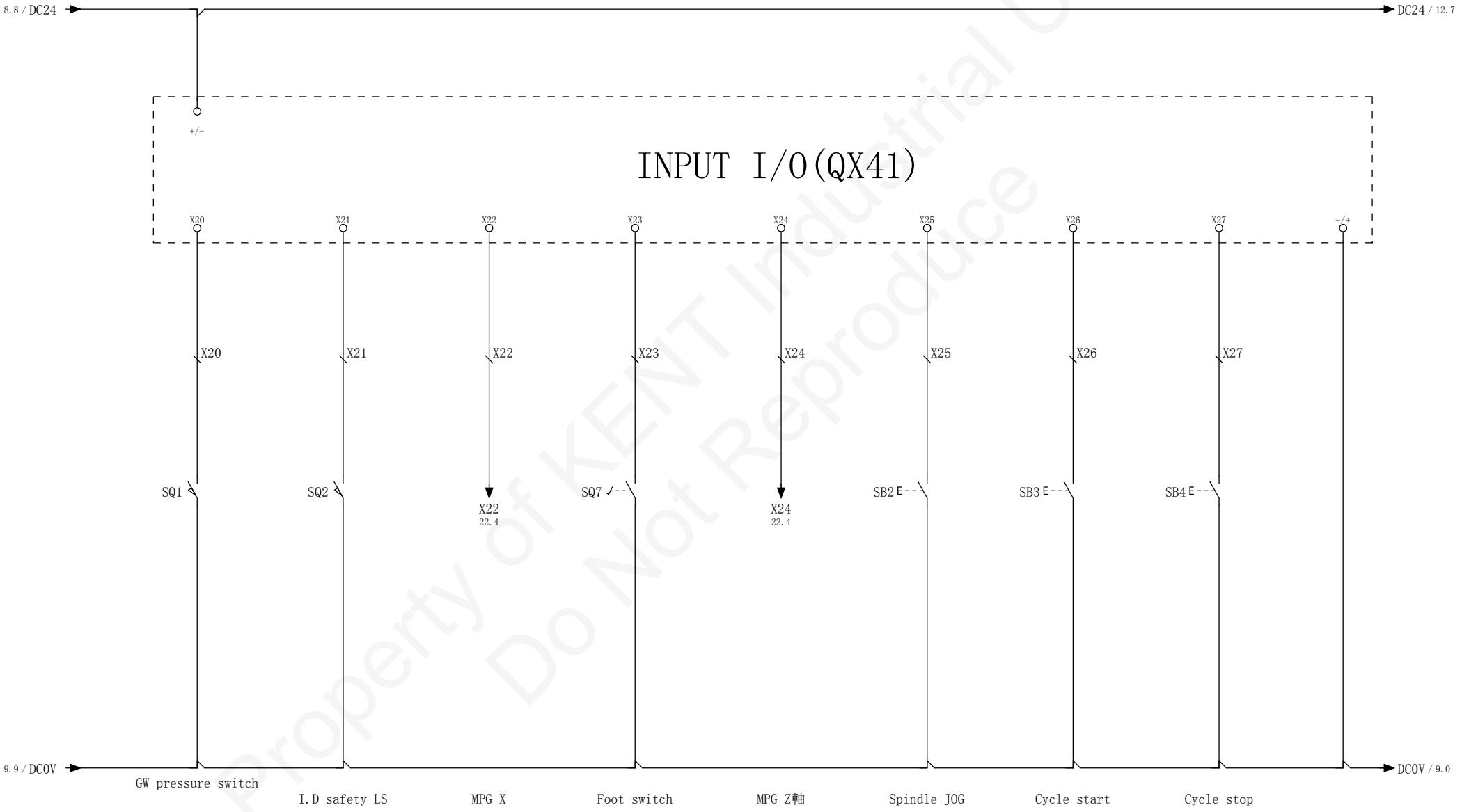
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/16 | KUG NC2 | | YD CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 7 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 7/26 |






7 9

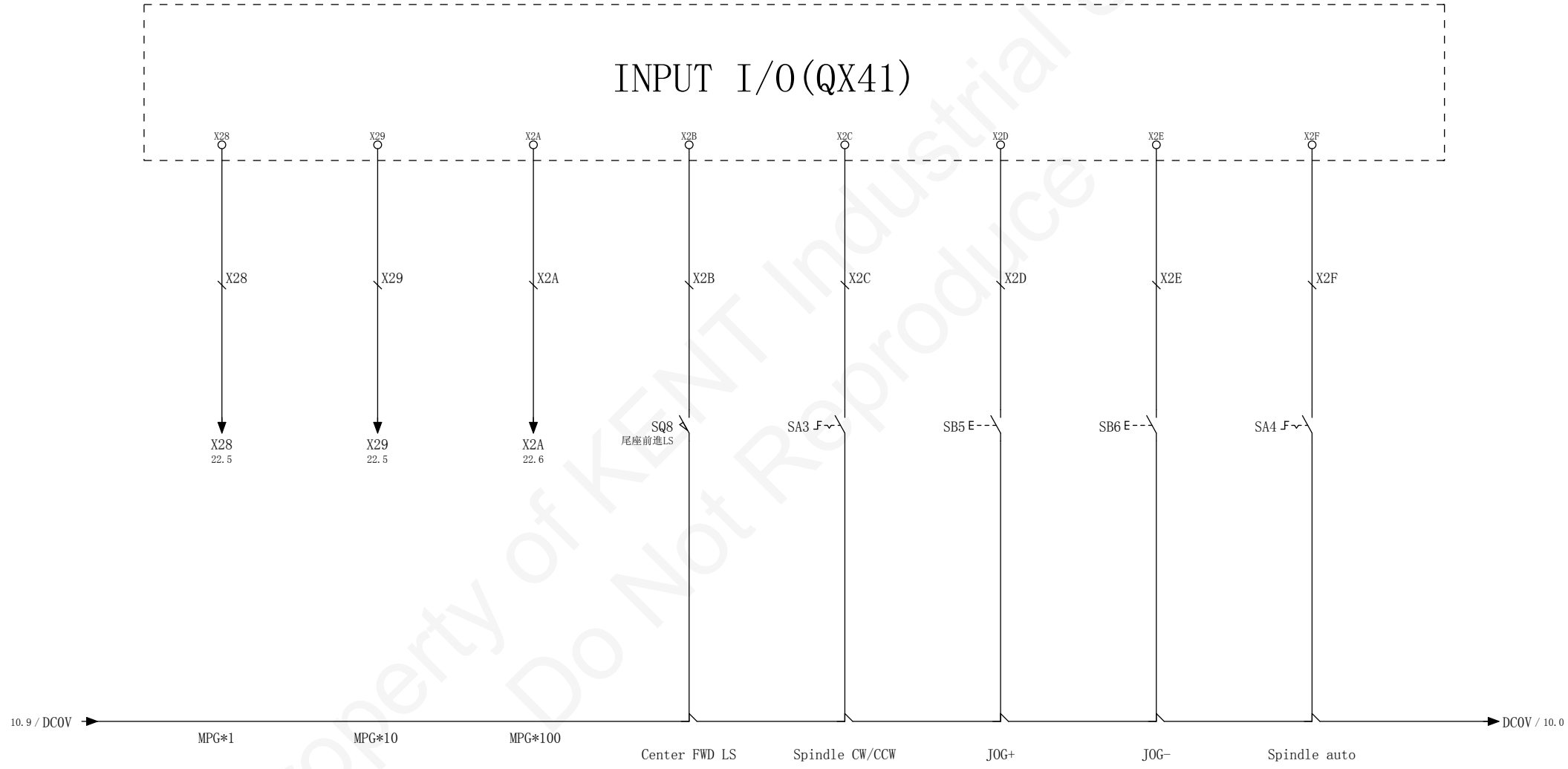
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | DC CONTROL CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 8 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 8/26 |






8 10

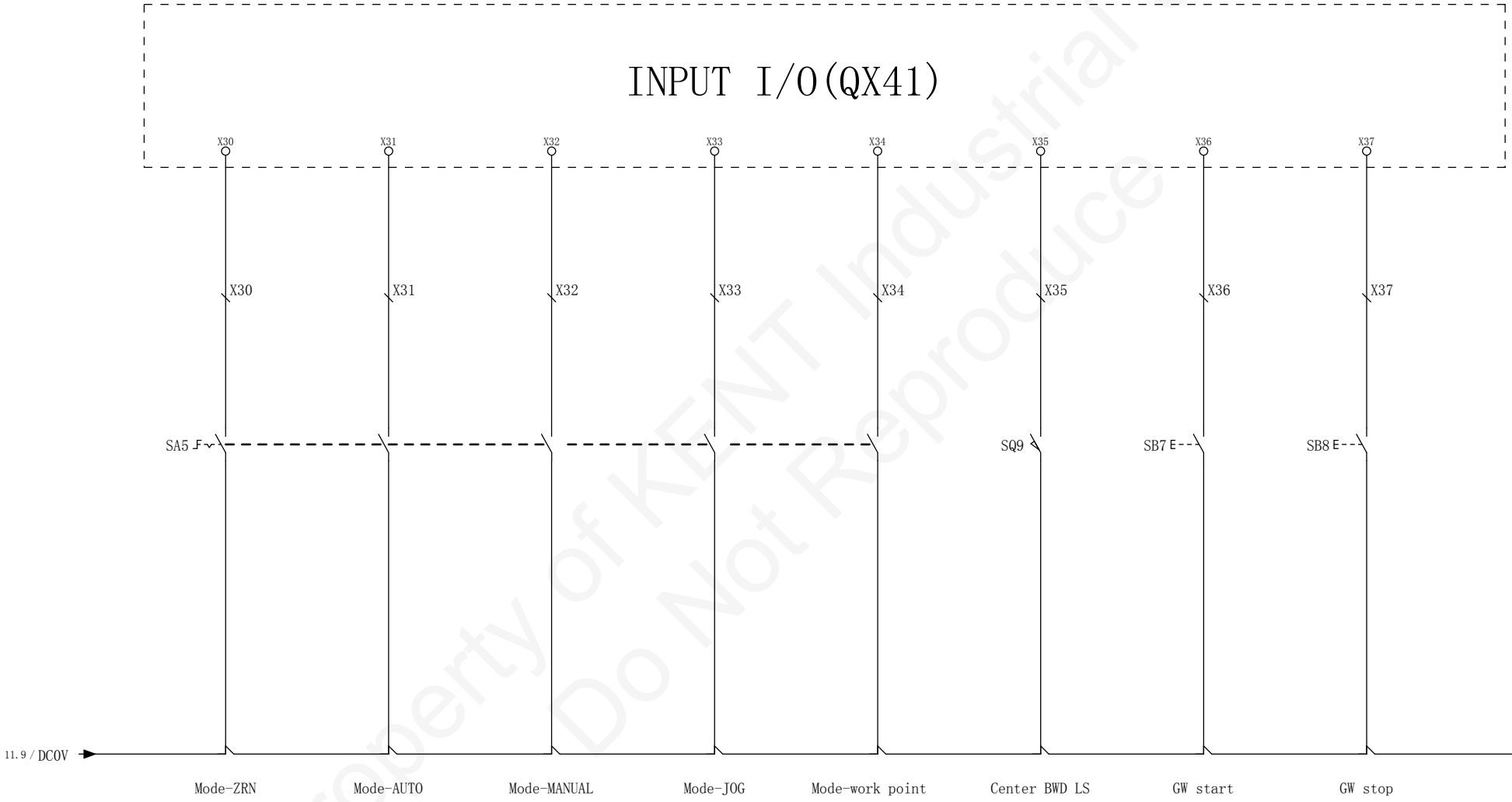
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | INPUT CIRCUIT X20 | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 9 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 9/26 |






9 11

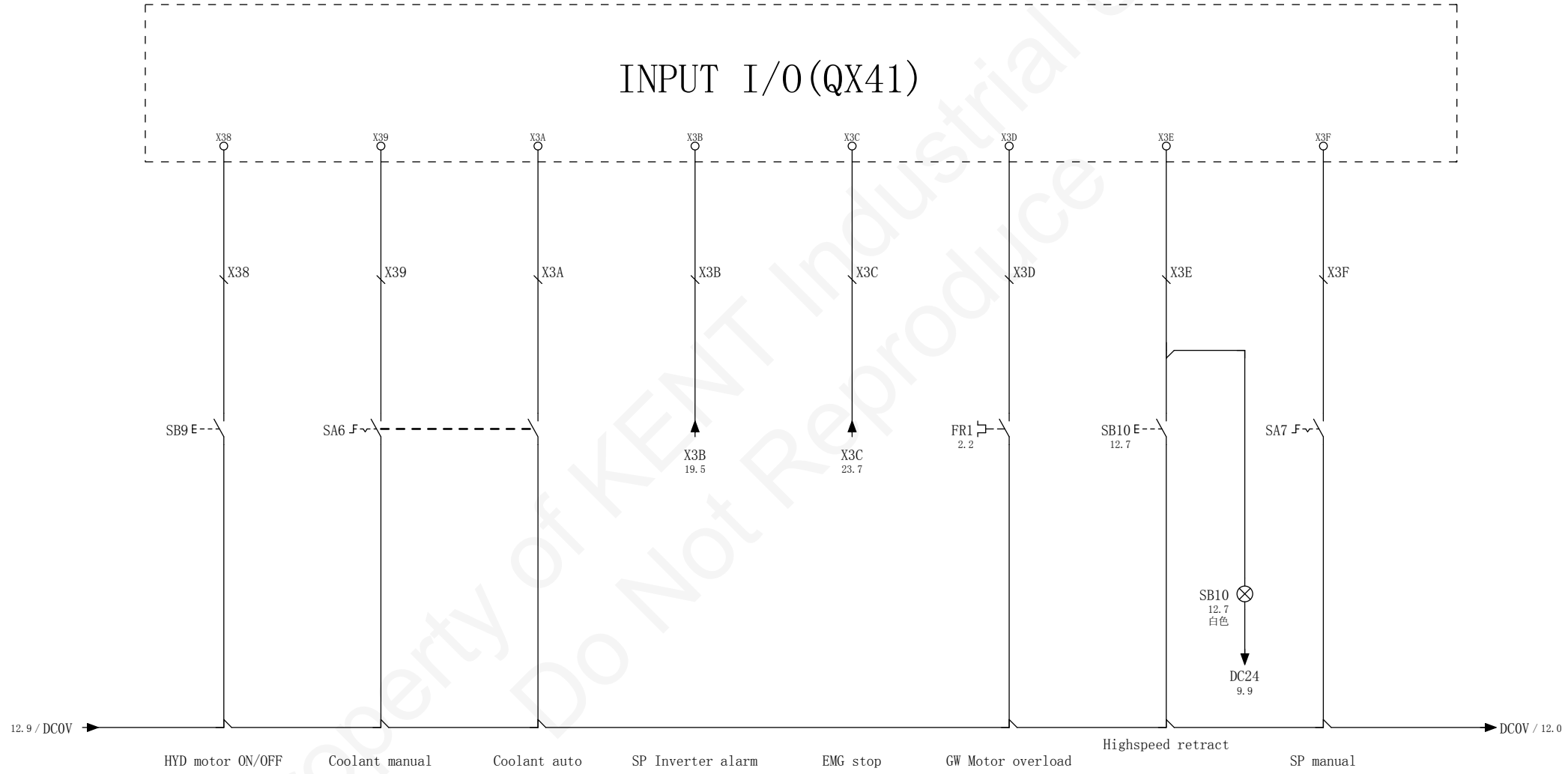
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/9/17 | KUG NC2 | | INPUT CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 10 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 10/26 |







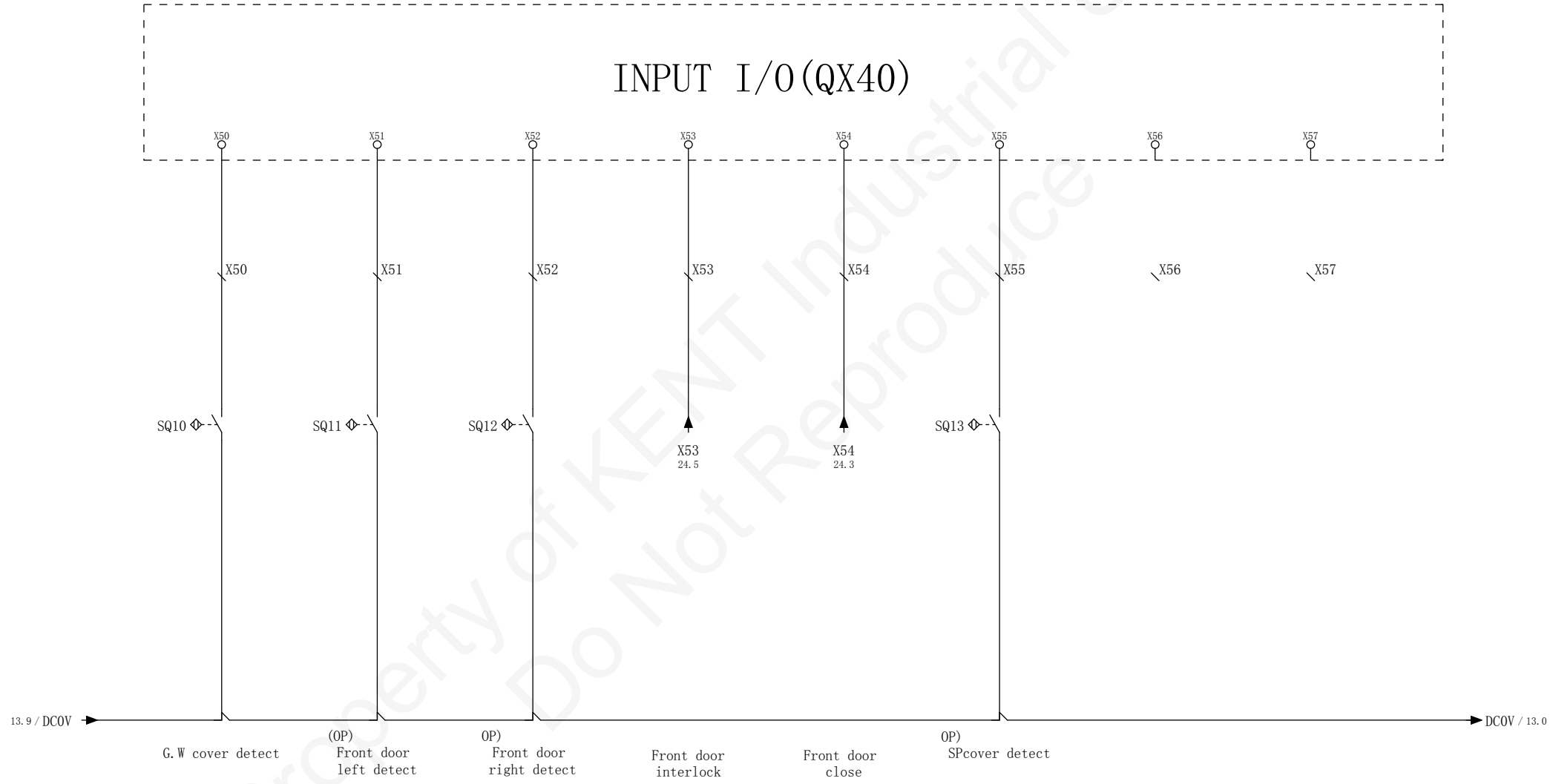

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/8/13 | KUG NC2 | | INPUT CIRCUIT X30 | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 11 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 11/26 |






11 13

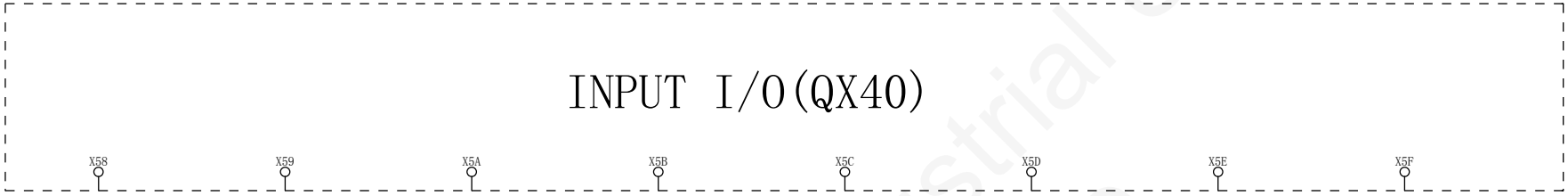
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/7/19 | KUG NC2 | | INPUT CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 12 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 12/26 |








| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/19 | KUG NC2 | | INPUT CIRCUIT X50 | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 13 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 13/26 |



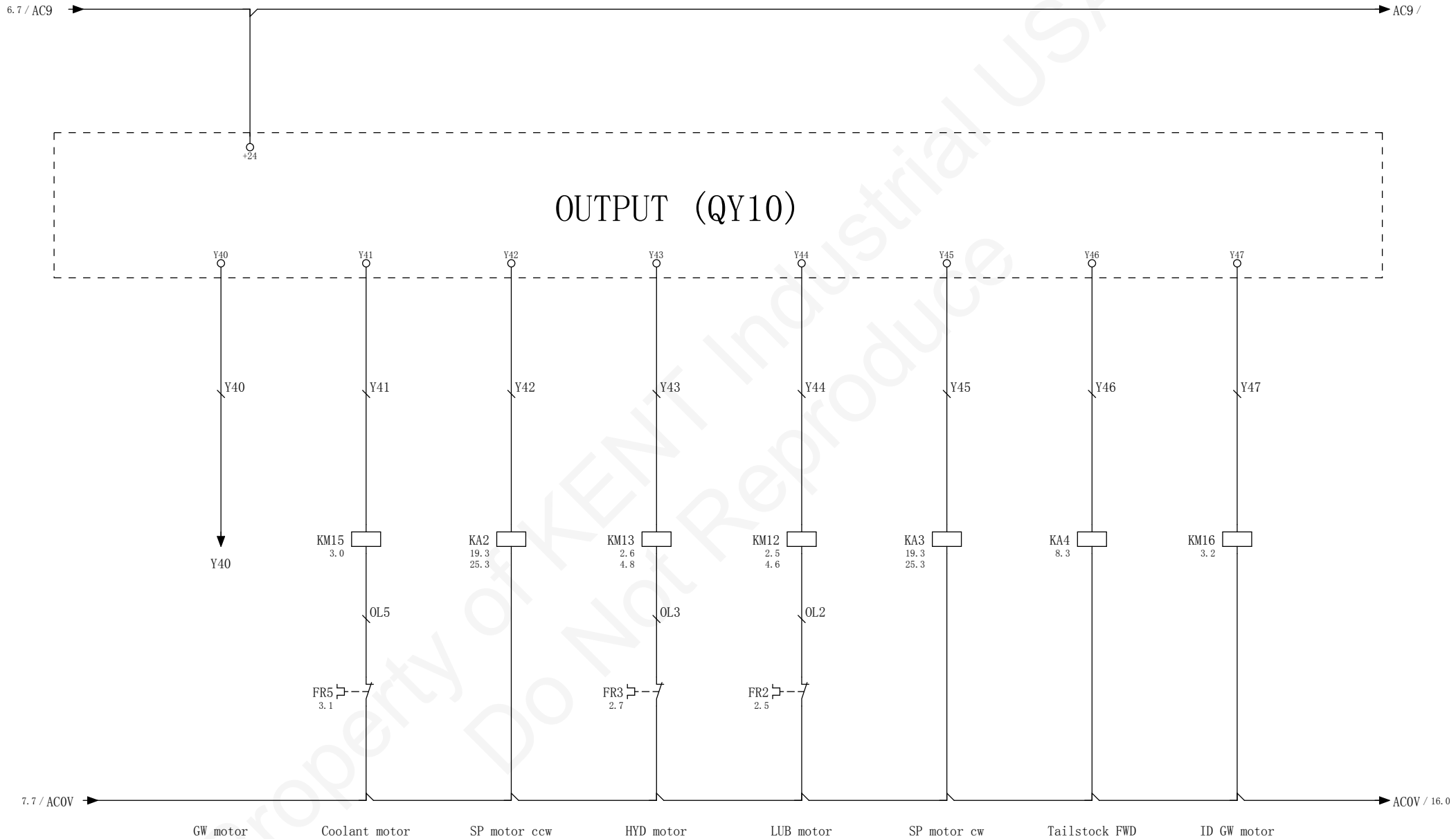

X58 X59 X5A X5B X5C X5D X5E X5F

14.9 / DCOV → DCOV / 14.0





| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/9/17 | KUG NC2 | | INPUT CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 14 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 14/26 |



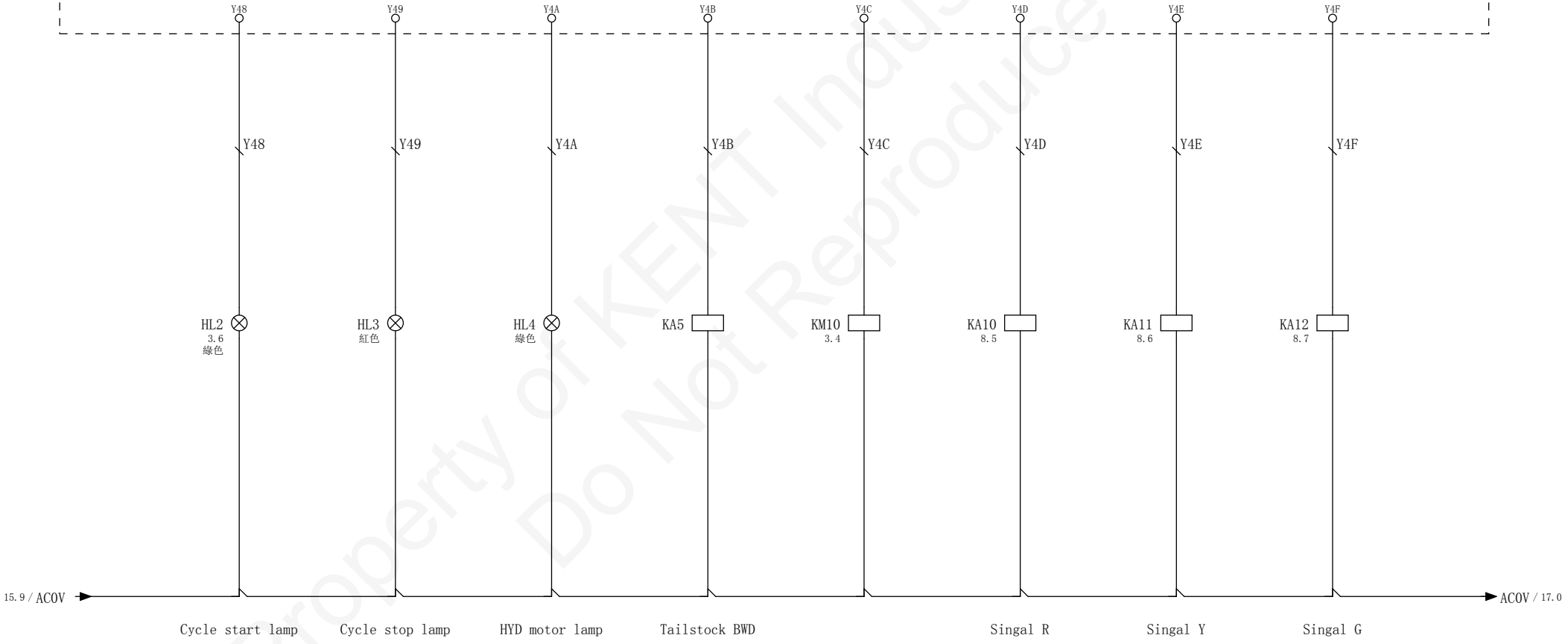



14

16

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/19 | KUG NC2 | | OUTPUT CIRCUIT Y40 | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 15 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 15/26 |

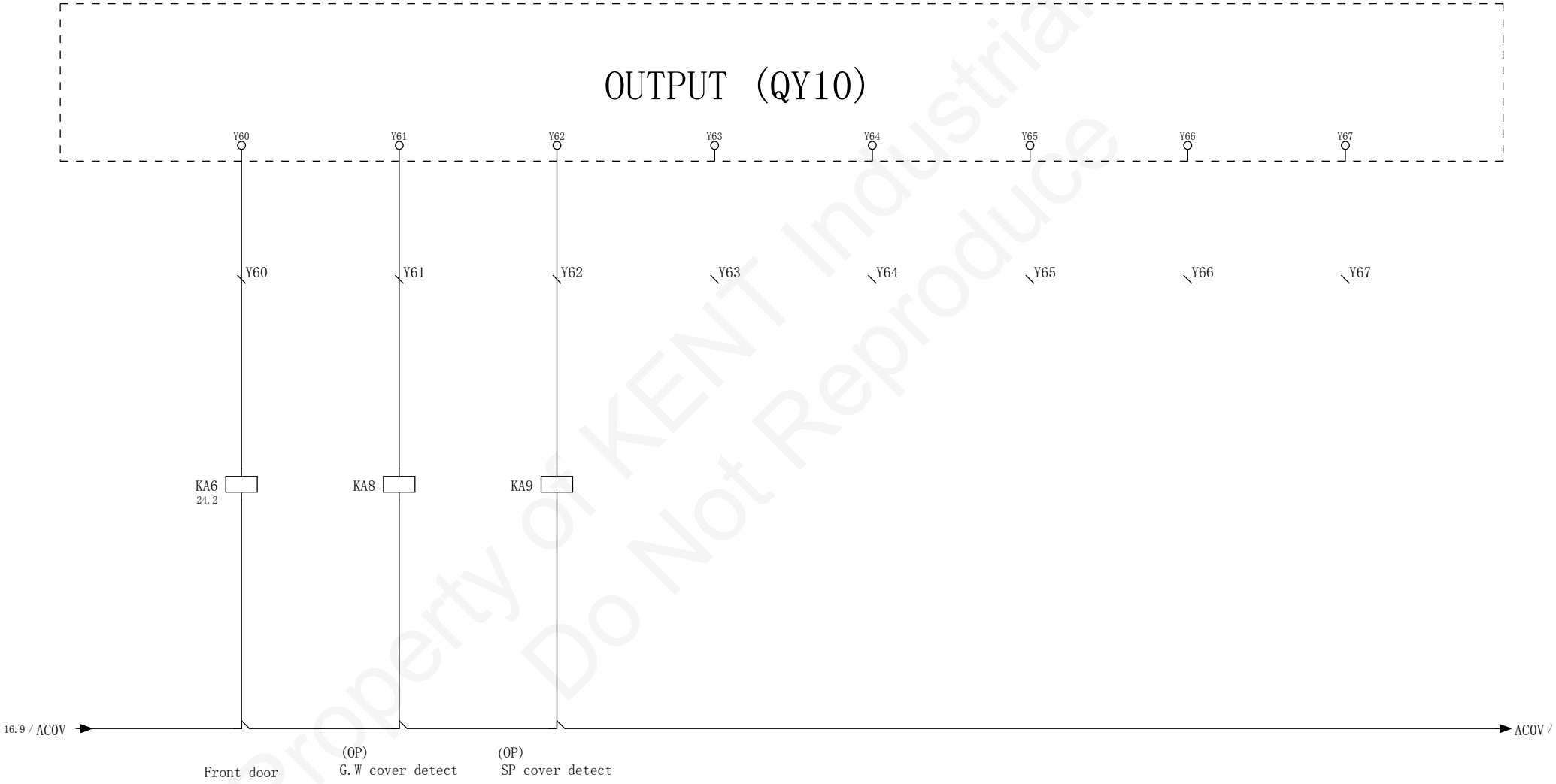
# OUTPUT (QY10)







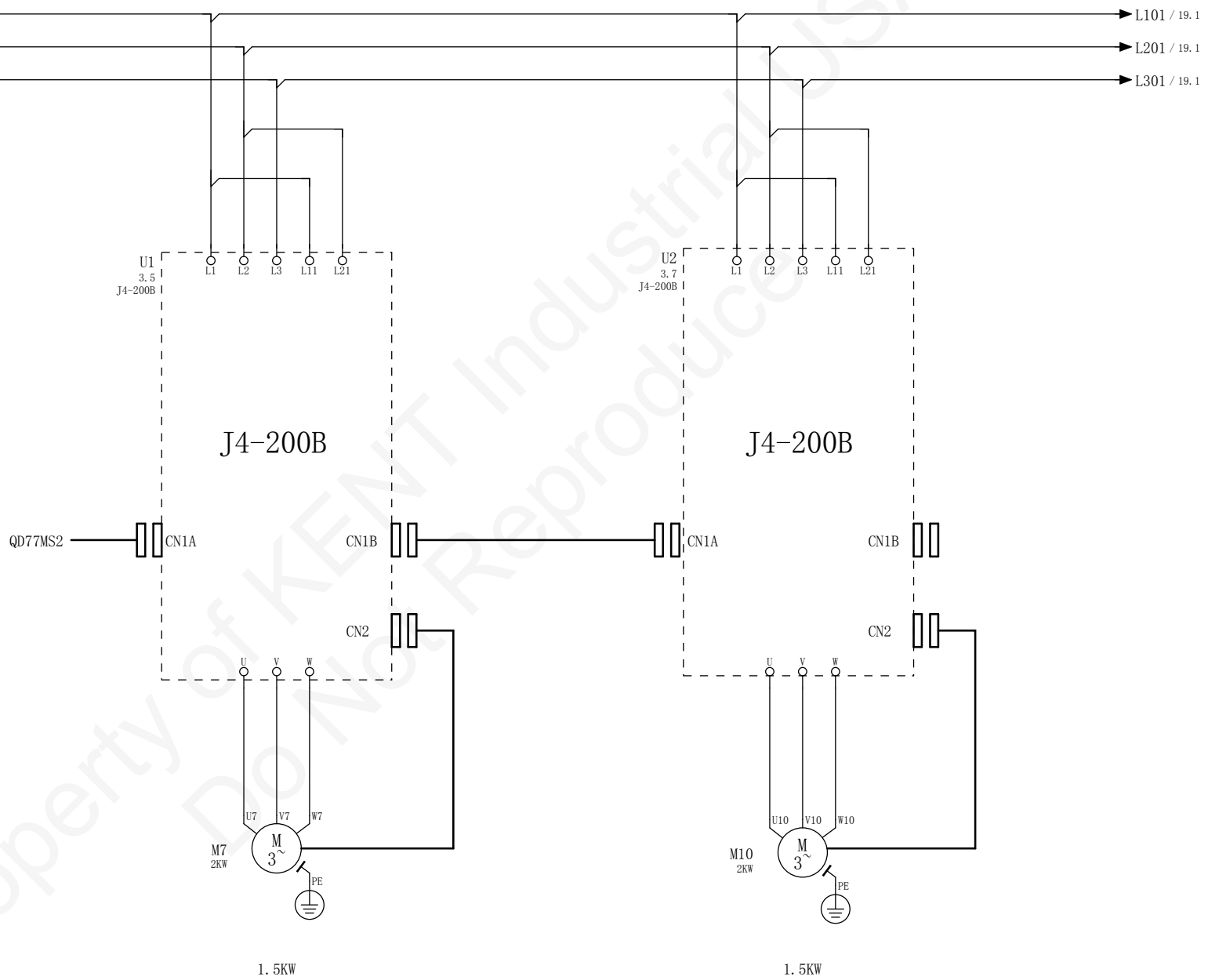

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | OUTPUT CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 16 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 16/26 |








| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | OUTPUT CIRCUIT Y60 | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 17 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 17/26 |

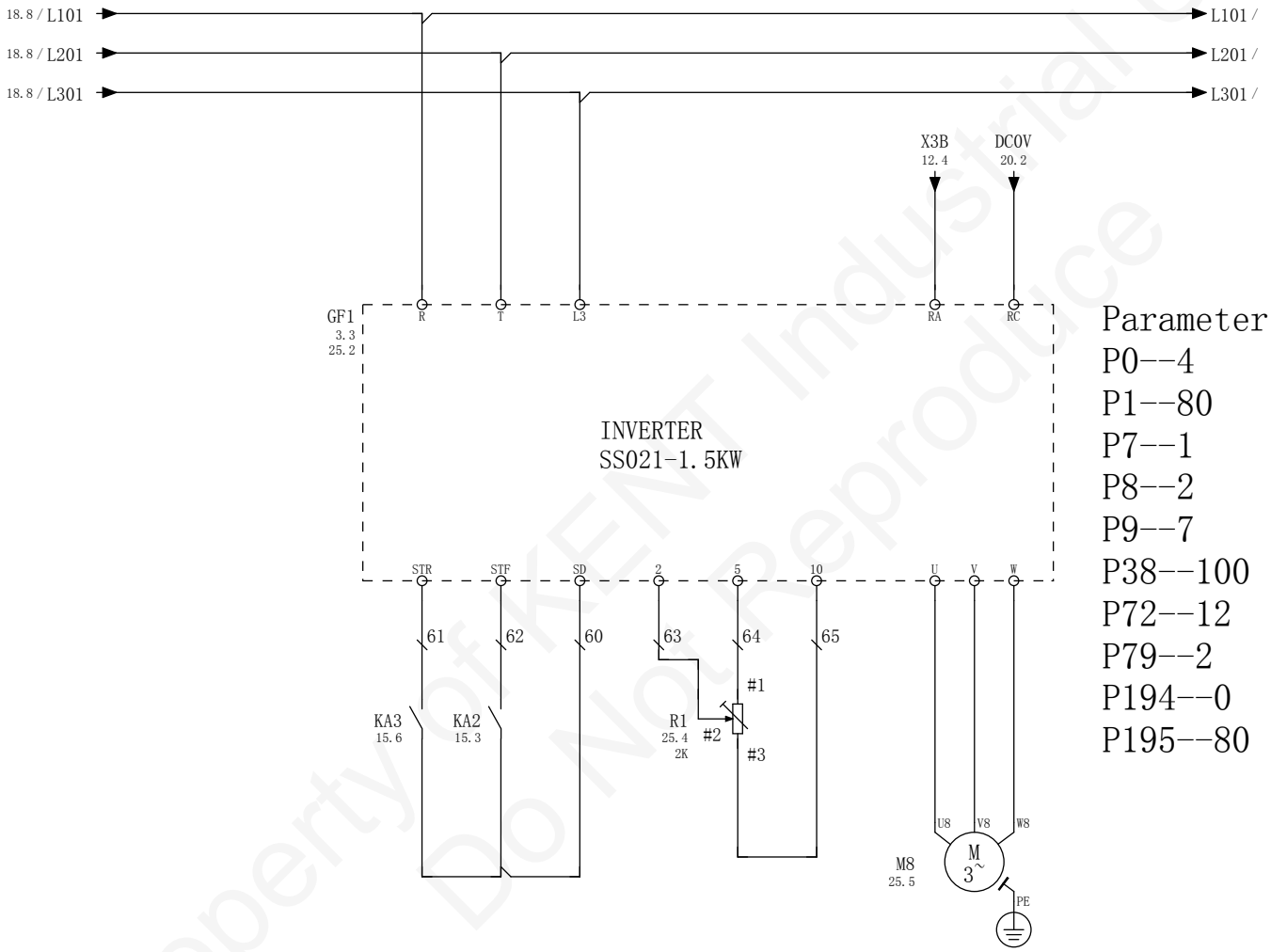





17

19

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/8/27 | KUG NC2 | | SERVO CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 18 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 18/26 |

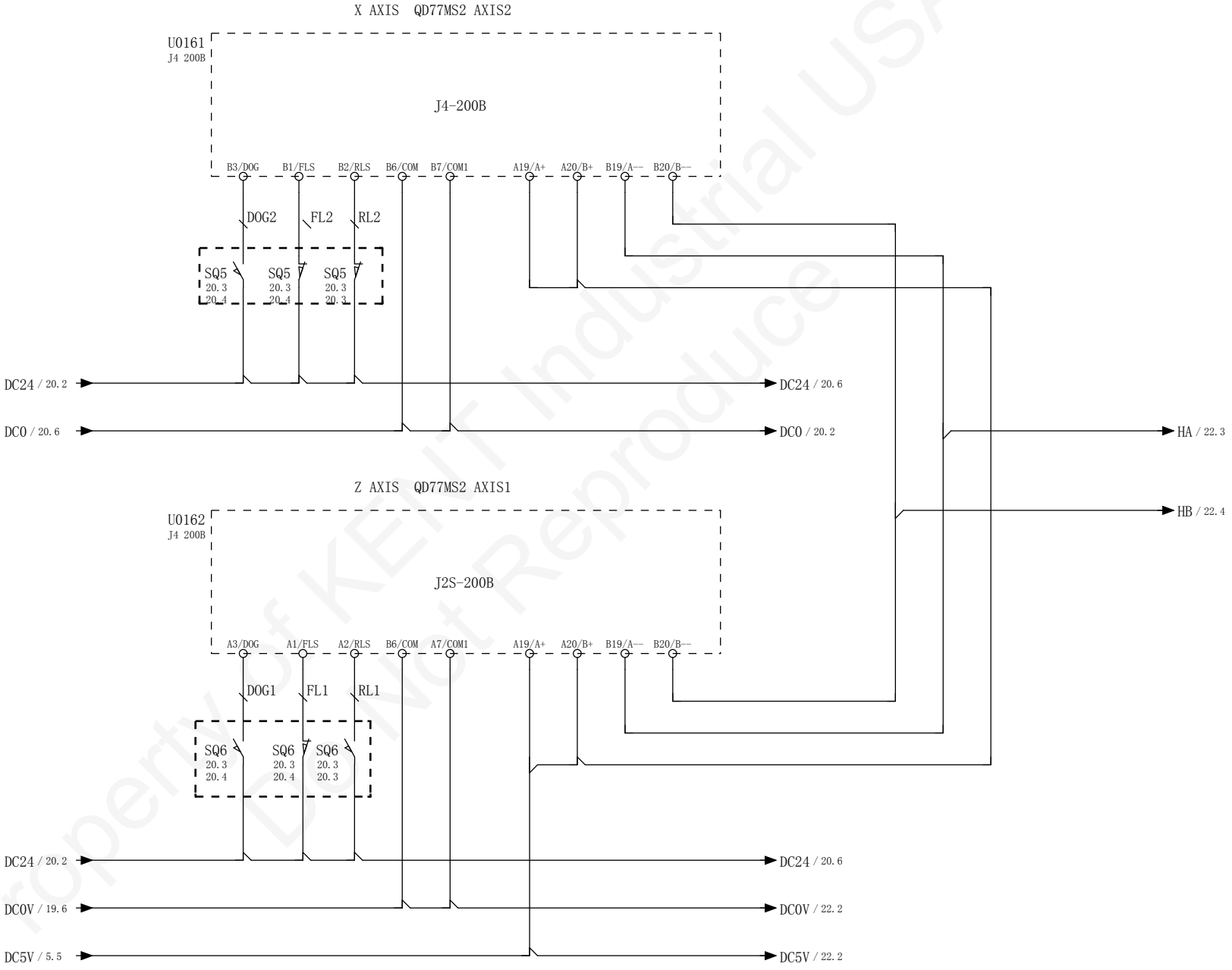



Parameter
P0--4
P1--80
P7--1
P8--2
P9--7
P38--100
P72--12
P79--2
P194--0
P195--80





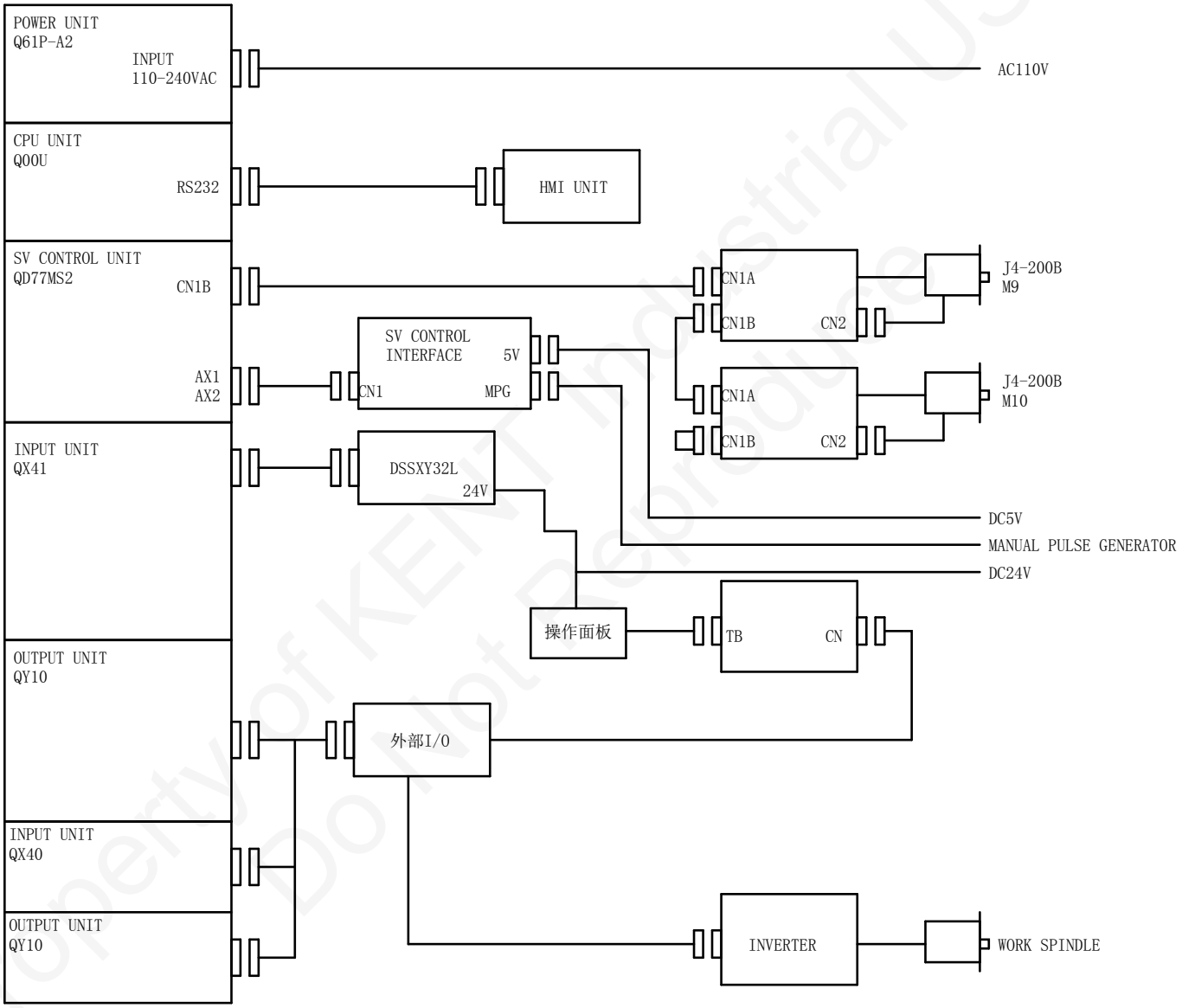
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/6/6 | KUG NC2 | | INVERTER CONTECTION CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 19 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 19/26 |






19 21

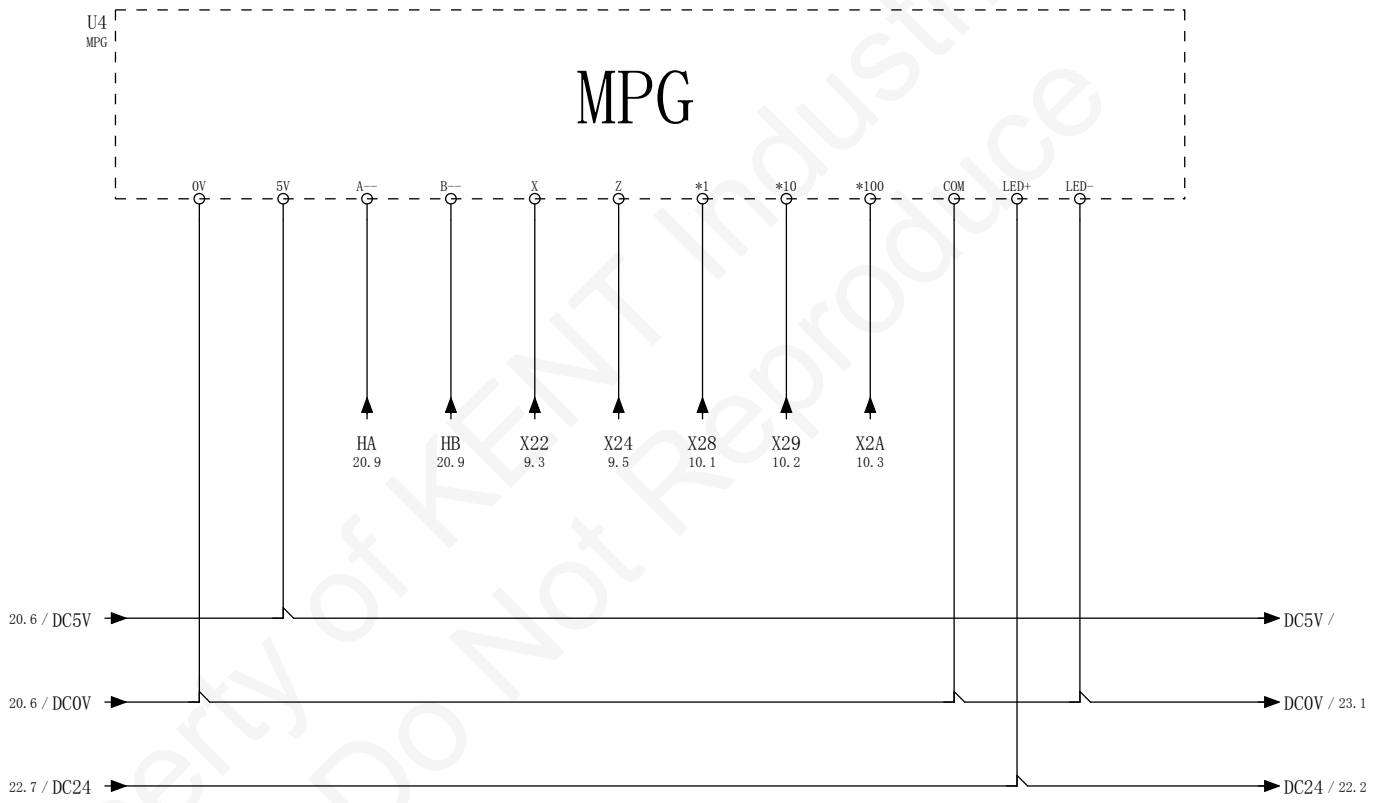
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | CONTECTION CIRCUIT | = |
| | | | Ed. | 8143 | | | | + |
| | | | Appr | | | | KUG NC2(J4+CE2.0) | Page 20 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | Page 20/26 |








| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/8/13 | KUG NC2 | | CONTECTION CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 21 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 21/26 |

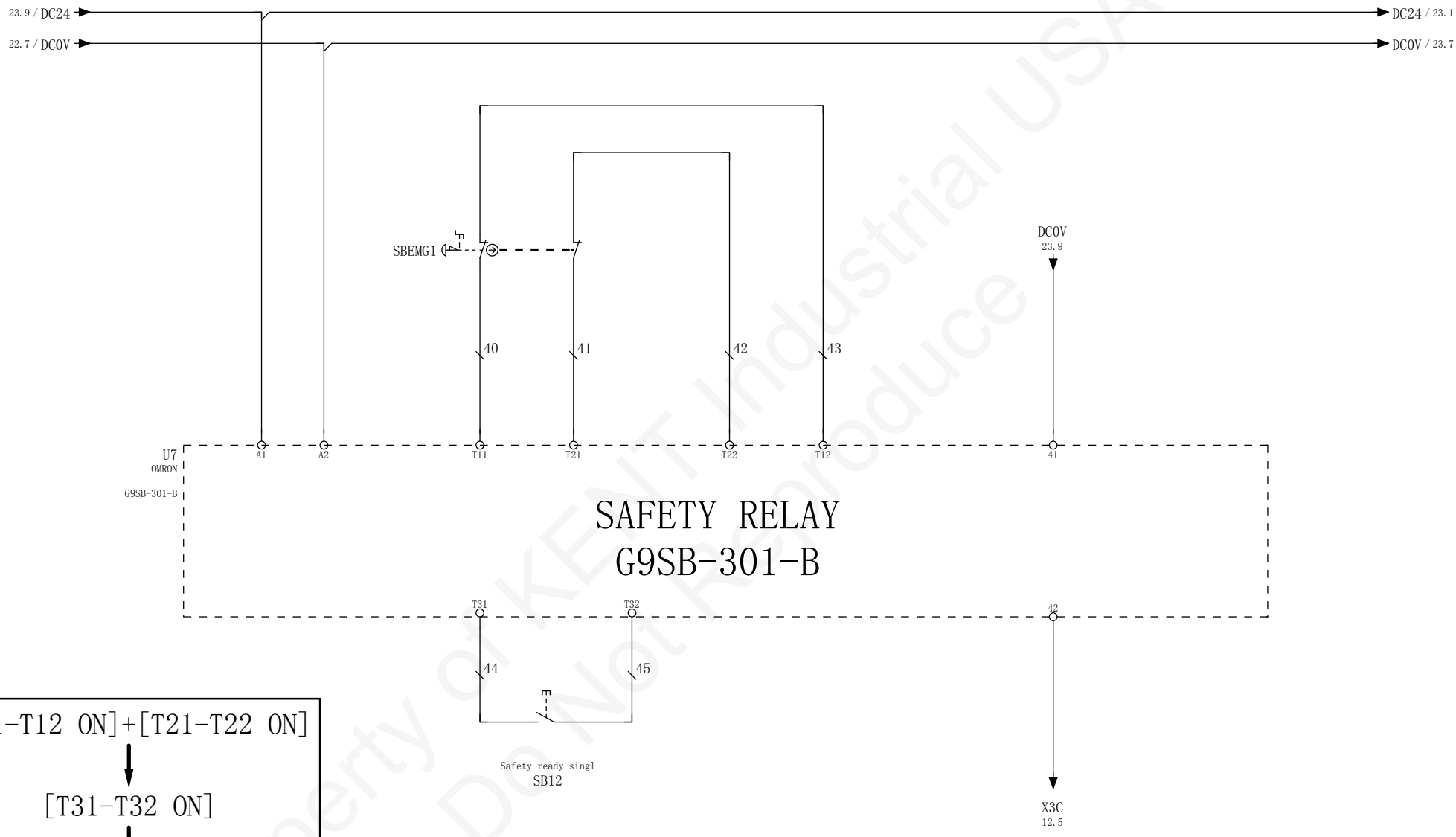





21

23

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2019/9/17 | KUG NC2 | | MPG CIRCUIT | | = |
| | | | Ed. | 8143 | | | | | + |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 22 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 22/26 |

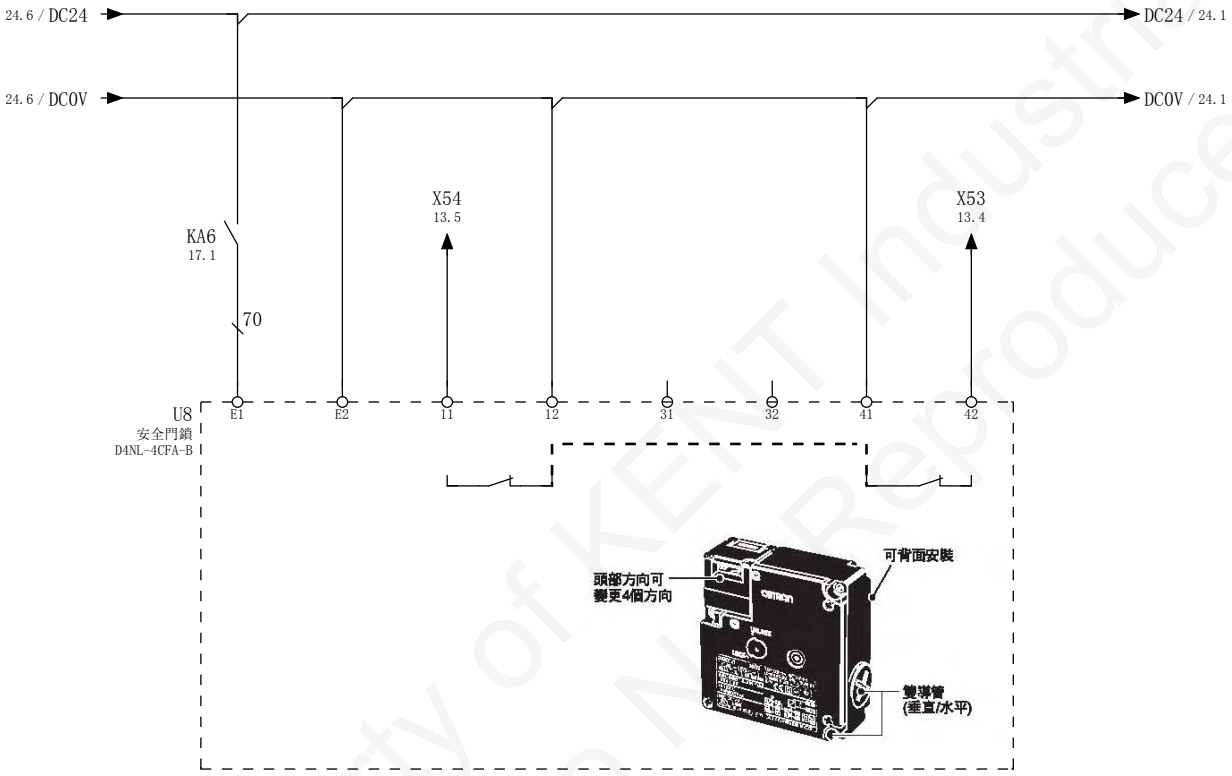


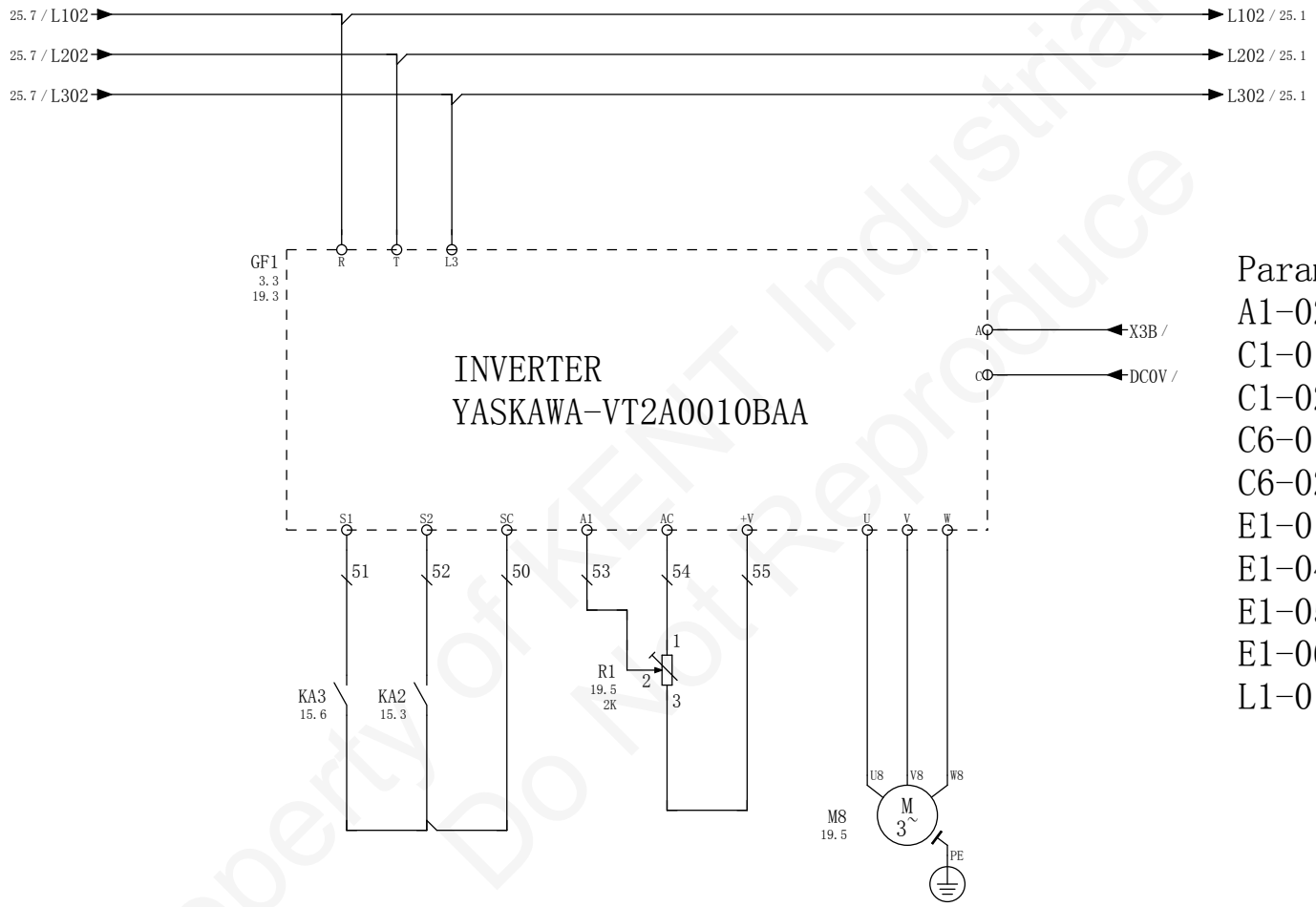



22

24

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/8/19 | KUG NC2 | | SAFETY RELAY CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 23 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 23/26 |



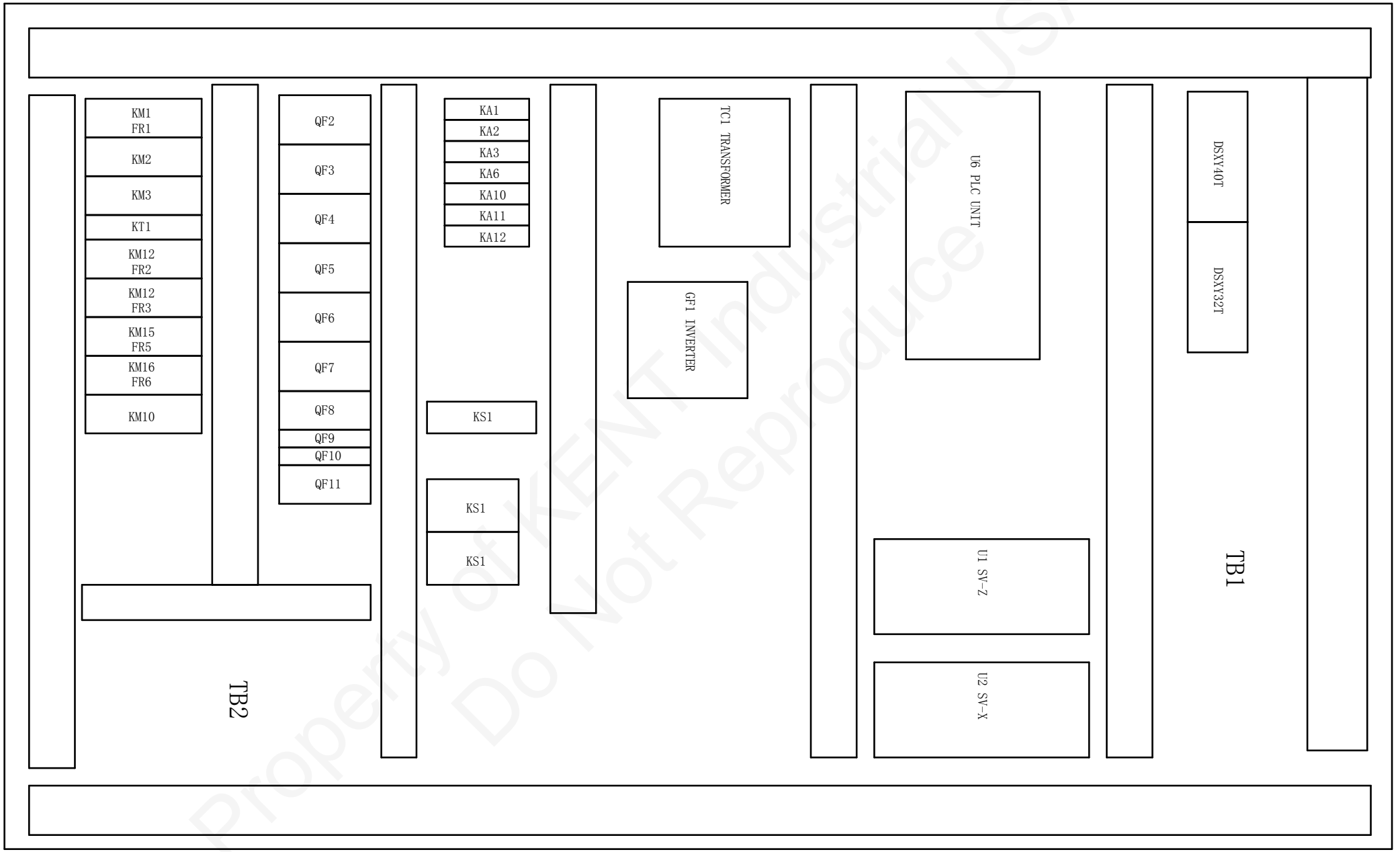



Parameter
A1-02=2
C1-01=5
C1-02=5
C6-01=0
C6-02=5
E1-01=220
E1-04=80
E1-05=220
E1-06=60
L1-01=2





| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | INVERTER CONTECTION CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page 25 |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 25/26 |






25

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | 2024/9/4 | KUG NC2 | | INVERTER CONTECTION CIRCUIT | = | |
| | | | Ed. | 8143 | | | | + | |
| | | | Appr | | | | | KUG NC2(J4+CE2.0) | Page DRAWING |
| Modification | Date | Name | Original | | Replacement of | Replaced by | | | Page 26/26 |