

KTI

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88481 Balzheim
Tel. +49 (0)7347 - 9572 - 0

Projektname / project name / nom projet

cold water plant

Anlage/Gerät / plant/appliance / installation/appareil

CCWP.4-458-15K-50Hz-R134a-evi

Kommission / commission

Stock 22-044

K22-00044

Hersteller
Producer
Fabricant

Elektromatic Speidel GmbH
Kirchenweg 9
88477 Schwendi

Auftrags-Nr.
Order No.
No. de commande

AF-1220231F01-S

Zeichnungs-Nr.
Drawing No.
No. de dessin

AF-1220231F01-S

Name
Name
Nom

Herr Schmucker

Datum
Date
Date

02.11.2022

project survey

KTI_IHV

| plant | location | page | installation/function group | date | prepared |
|-------|----------|------|--------------------------------------|------------|----------|
| | 01 | 1 | cover sheet | 02.11.2022 | |
| | 01 | 1.1 | table of revision | 02.11.2022 | |
| | 01 | 2 | project survey | 02.11.2022 | |
| | 01 | 2.1 | project survey | 02.11.2022 | |
| | 01 | 2.2 | project survey | 02.11.2022 | |
| | 01 | 3 | place survey | 02.11.2022 | |
| | 01 | 4 | place survey | 02.11.2022 | |
| | 01 | 5 | incoming feeder | 02.11.2022 | |
| | 01 | 6 | control | 02.11.2022 | |
| | 01 | 7 | voltage control | 02.11.2022 | |
| | 01 | 8 | control voltage | 02.11.2022 | |
| | 01 | 9 | emergency stop relays | 02.11.2022 | |
| | 01 | 10 | plant on | 02.11.2022 | |
| | 01 | 24 | compressor W1.3 | 02.11.2022 | |
| | 01 | 25 | compressor W1.3 | 02.11.2022 | |
| | 01 | 26 | compressor W1.3 | 02.11.2022 | |
| | 01 | 27 | compressor W1.3 | 02.11.2022 | |
| | 01 | 35 | evaporative condenser FU | 02.11.2022 | |
| | 01 | 38 | water pump condenser | 02.11.2022 | |
| | 01 | 41 | water pump subcooling | 02.11.2022 | |
| | 01 | 45 | water pump cold water sand mill | 02.11.2022 | |
| | 01 | 46 | water pump cold water AL-plant | 02.11.2022 | |
| | 01 | 47 | water pump cooling water AL-plant | 02.11.2022 | |
| | 01 | 48 | water pump cold water batching plant | 02.11.2022 | |
| | 01 | 49 | water pump basin 1 | 02.11.2022 | |
| | 01 | 50 | water pump basin 2 | 02.11.2022 | |
| | 01 | 84 | motor ball valve | 02.11.2022 | |
| | 01 | 85 | CCWP control | 02.11.2022 | |

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| modification | date | name |
| | 02.11.2022 | Herr Schmucker |
| | | norm. DIN/VDI |

date: 02.11.2022

prep. check.

name: Herr Schmucker

norm. DIN/VDI

KTI Balzheim

Origin

electromatic Speidel GmbH

project survey cold water plant CCWP.4-458-15K-50Hz-R134a-evi

Stock 22-044 K22-00044

AF-1220231F01-S

AF-1220231F01-S + 01

2.1

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project survey

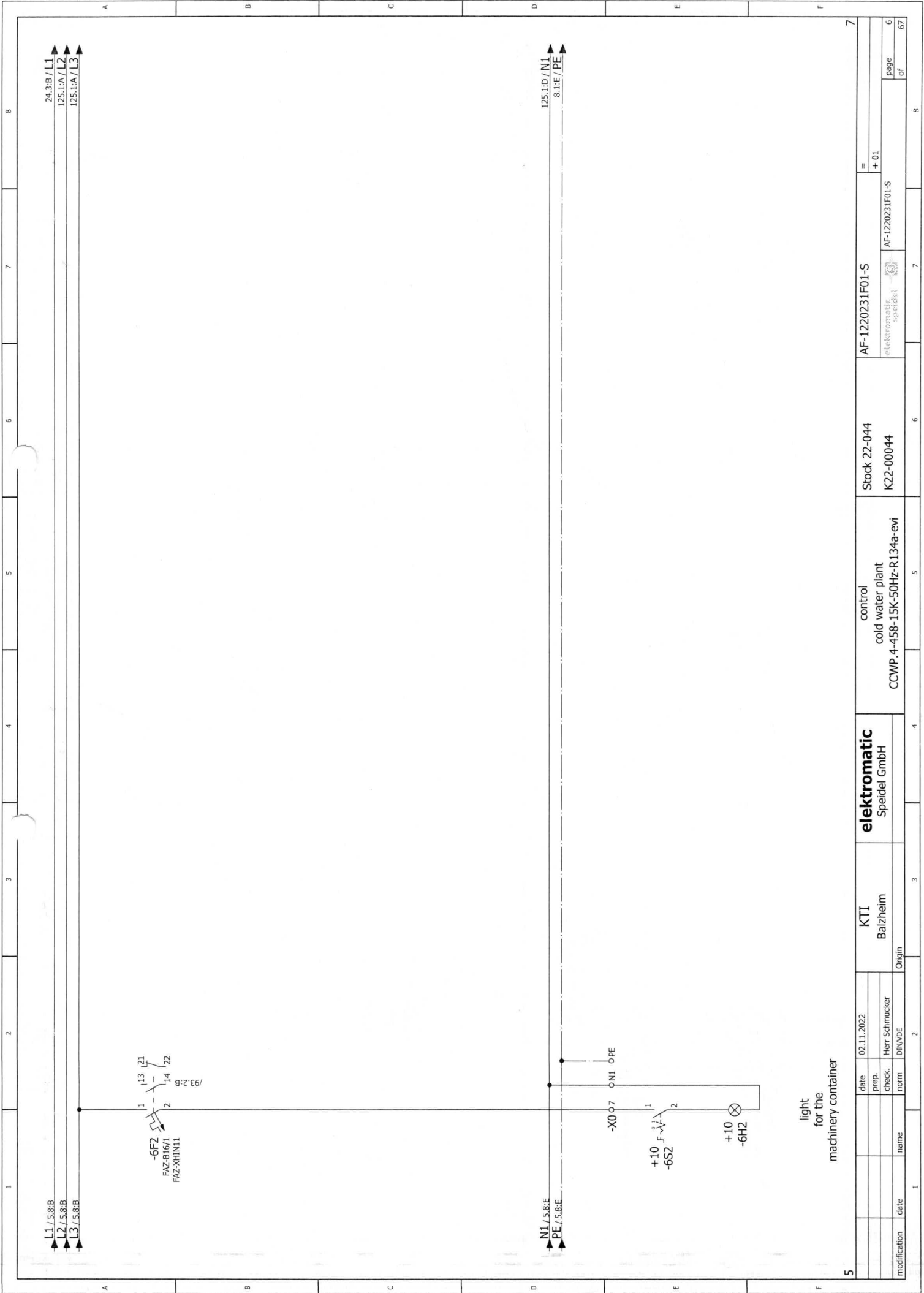
KTI_IHV

| plant | location | page | installation/function group | date | prepared |
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| | ASL | 1 | Parts list | 02.11.2022 | |
| | ASL | 2 | Parts list | 02.11.2022 | |
| | ASL | 3 | Parts list | 02.11.2022 | |
| | ASL | 4 | Parts list | 02.11.2022 | |
| | ASL | 5 | Parts list | 02.11.2022 | |
| | ASL | 6 | Parts list | 02.11.2022 | |
| | ASL | 7 | Parts list | 02.11.2022 | |
| | ASL | 8 | Parts list | 02.11.2022 | |
| | ASL | 9 | Parts list | 02.11.2022 | |
| | ASL | 10 | Parts list | 02.11.2022 | |
| | ASL | 11 | Parts list | 02.11.2022 | |

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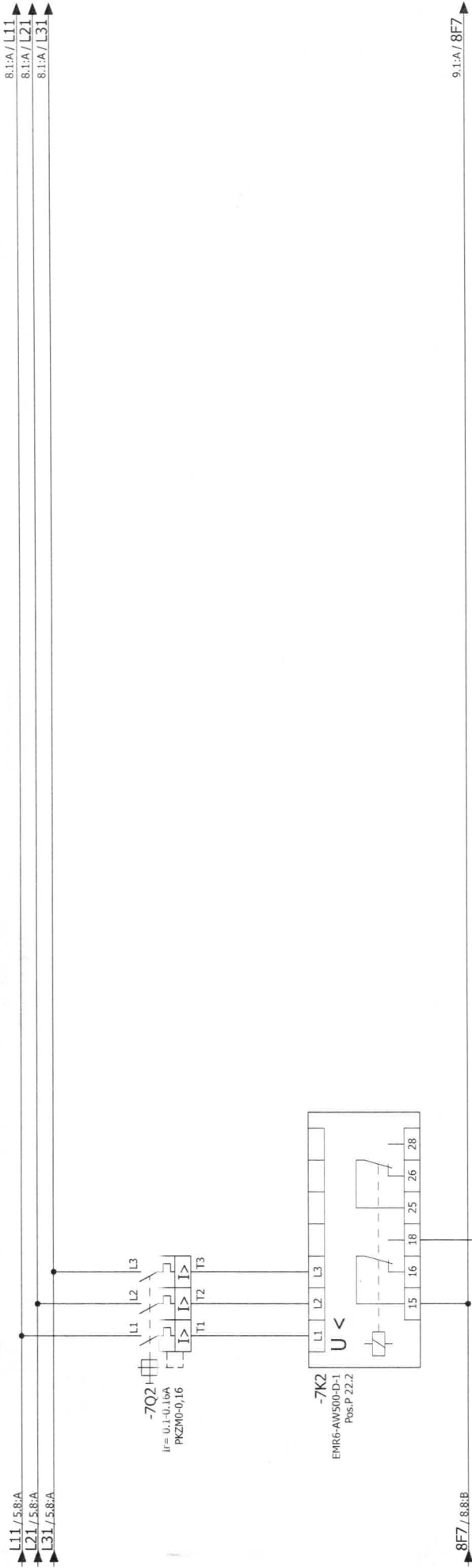
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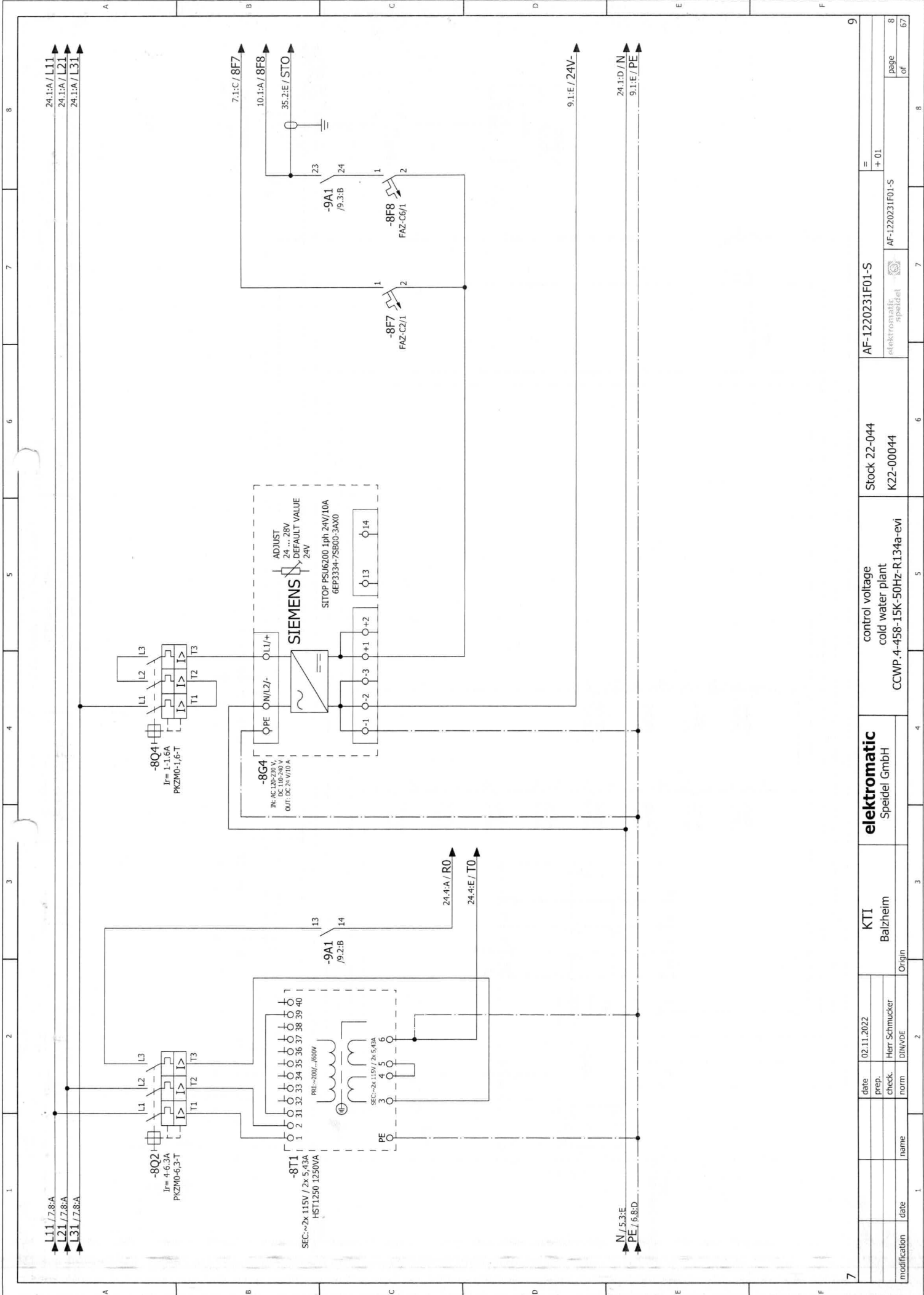


light
for the
machinery container

| | | | | | | | | | | | | | | |
|--------------|------|------|------|--------|------|------------|-----|------------------------------|--|---------------------------|--|-----------|------------|---------|
| modification | date | name | norm | check. | date | 02.11.2022 | KTi | elektromatic Speidel GmbH | control cold water plant CCWP 4-458-15K-50Hz-R134a-evi | Stock 22-044 K22-00044 | AF-1220231F01-S elektromatic Speidel | = + 01 | page of | 6 67 |
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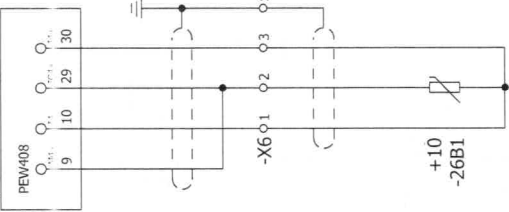


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| 6 | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
| modification | date | name | norm | prep. | check. | date | 02.11.2022 | KTI Balzheim | | voltage control cold water plant CCWP.4-458-15K-50Hz-R134a-evi | | Stock 22-044 K22_00044 | | AF-1220231F01-S elektromatix speidel | | = + 01 | |
| | | | | Herr Schmucker | | | | elektromatic Speidel GmbH | | voltage control cold water plant CCWP.4-458-15K-50Hz-R134a-evi | | K22_00044 | | AF-1220231F01-S | | page of | |
| | | | | DN/VDE | | | | Origin | | voltage control cold water plant CCWP.4-458-15K-50Hz-R134a-evi | | K22_00044 | | AF-1220231F01-S | | 7 67 | |

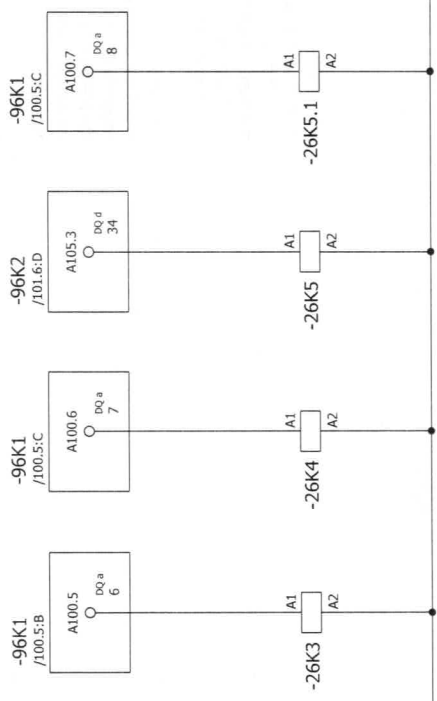


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| | | | | Herr Schmucker | | | | Origin | Speidel | CCWP, 4-458-15K-50Hz-R134a-evi | | | | page of |
| | | | | DIN/VE | | | | | elektromatic speidel | | | | | 8 of 67 |

-96K3
/103.4:C



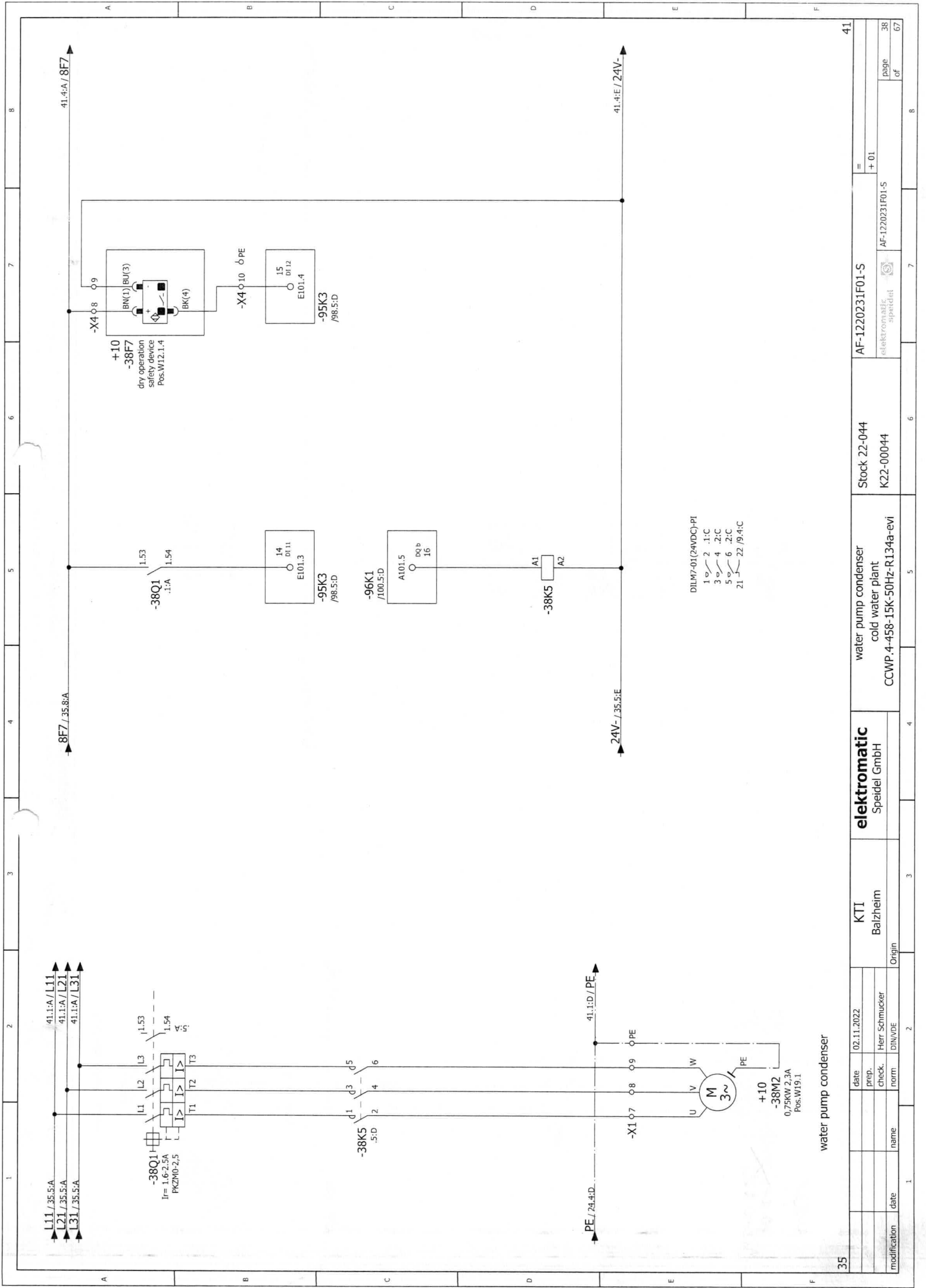
oil temperature W10.8.1



PLC-RSC-24DC/1/ACT 13 14 /27.2:A
PLC-RSC-24DC/1/ACT 13 14 /27.3:A
PLC-RSC-24DC/1/ACT 13 14 /27.4:A
PLC-RSC-24DC/1/ACT 13 14 /27.5:A

compressor W1.3

| | | | | | | | |
|-----------------|------|------------------|------|-------------------------------|--------------|-----------------|---------|
| 25 | 27 | = + 01 | | AF-1220231F01-S | Stock 22-044 | AF-1220231F01-S | 26 |
| modification | date | name | date | prep. | check. | norm | page of |
| | | | | Herr Schmucker | | | 26 |
| | | | | DIN/VE | | | 67 |
| KTI | | Baizheim | | elektromatisch Speidel | | AF-1220231F01-S | |
| Origin | | Origin | | CCWP.4-458-15K-50Hz-R134a-evi | | K2 00044 | |
| compressor W1.3 | | cold water plant | | compressor W1.3 | | Stock 22-044 | |
| KTI | | Baizheim | | elektromatisch Speidel | | AF-1220231F01-S | |
| Origin | | Origin | | CCWP.4-458-15K-50Hz-R134a-evi | | K2 00044 | |
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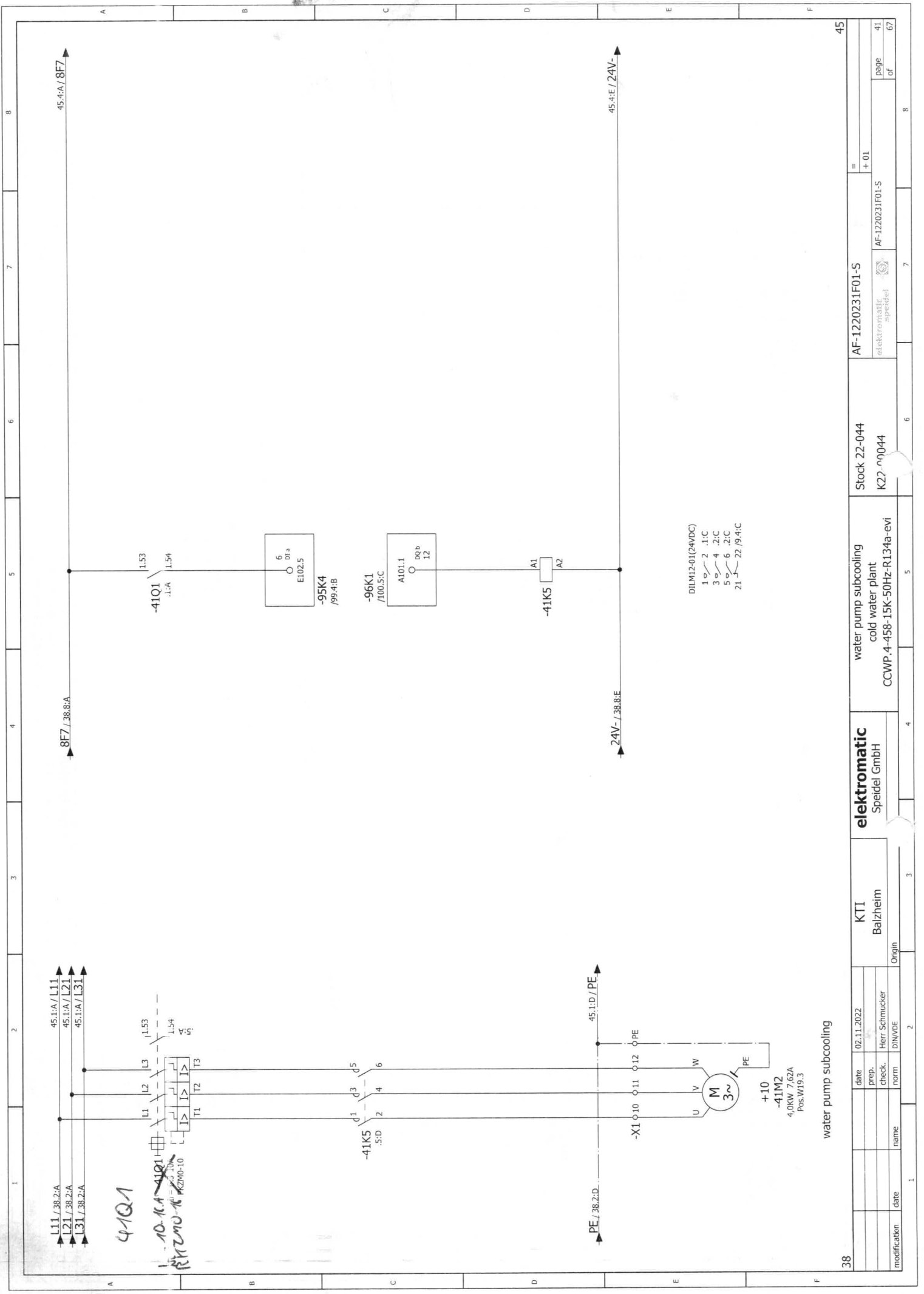


DILM7-01(24VDC)-PI
 1 2 .1:C
 3 4 .2:C
 5 6 .2:C
 21 22 /9.4:C

water pump condenser

35

41



38

water pump subcooling

| | | | | |
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| modification | date | name | norm | origin |
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| prep. | 02.11.2022 | | | KTI |
| check. | | Herr Schmücker | | Balzhelm |
| norm | | | | |
| DIN/VE | | | | |

elektromatic
Speidel GmbH

water pump subcooling
cold water plant
CCWP.4-458-15K-50Hz-R134a-evi

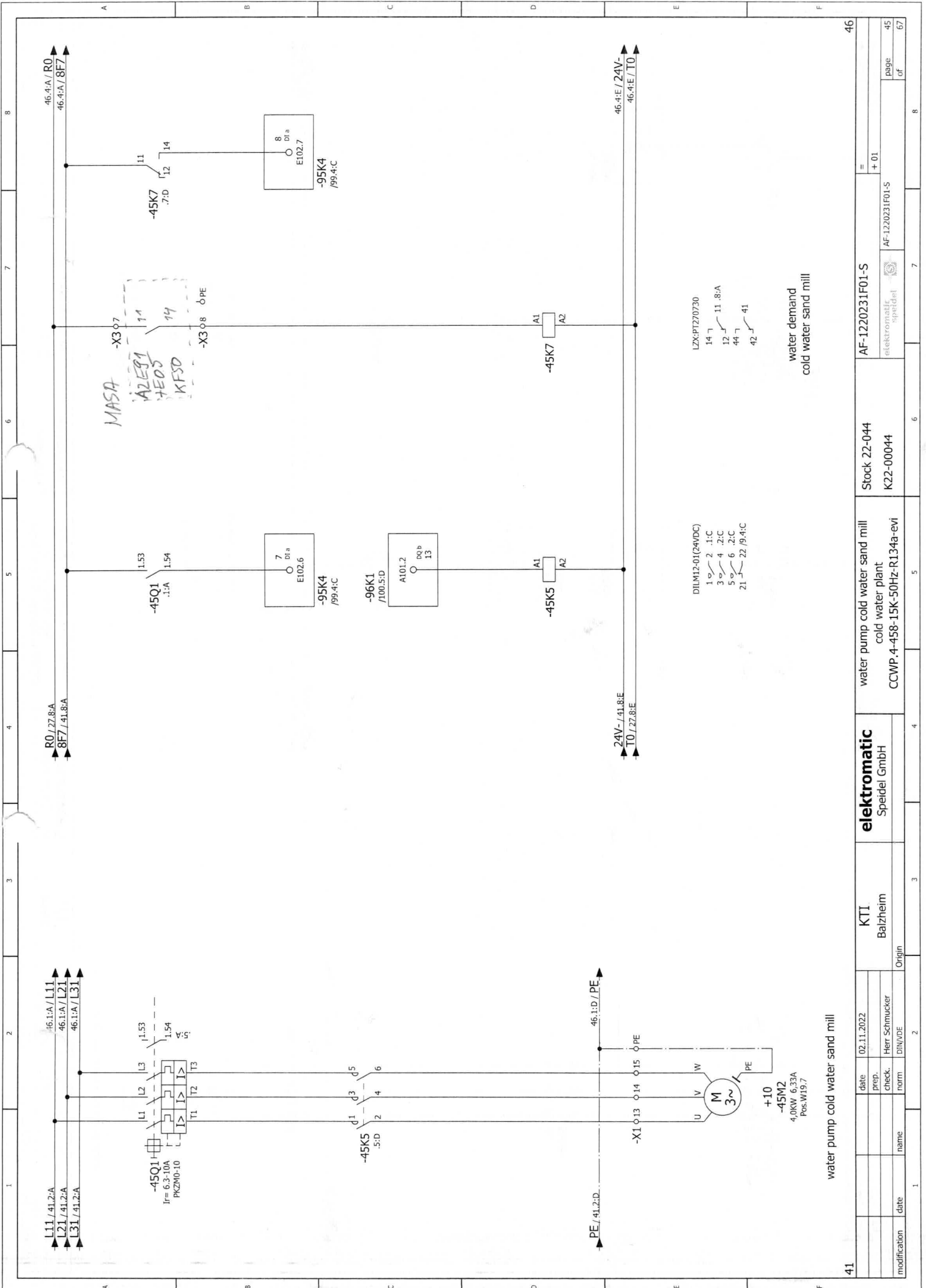
Stock 22-044
K22 n0044

AF-1220231F01-S
elektromatic speidel

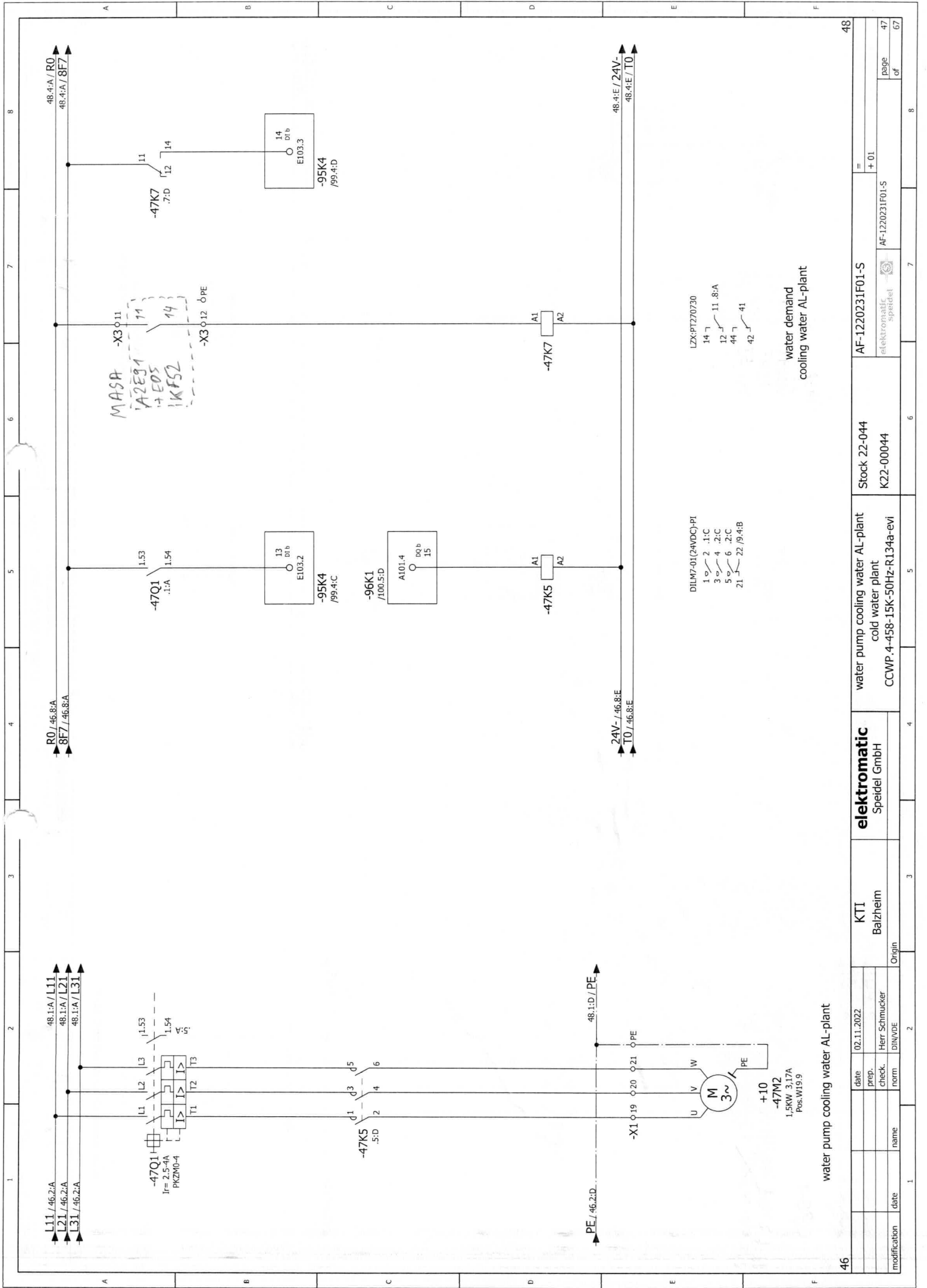
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| modification | date | name | norm | check. | prep. | date | 02.11.2022 | KTi | Balzheim | elektromatic Speidel GmbH | water pump cold water sand mill cold water plant CCWP.4-458-15K-50Hz-R134a-evi | Stock 22-044 K22-00044 | AF-1220231F01-S | 45 |
| | | | | | | | | | | | water demand cold water sand mill | | AF-1220231F01-S | 46 |
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water pump cooling water AL-plant

water demand cooling water AL-plant

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| modification | date | name | norm | check | prep. | date |
| | | | | | Herr Schmucker | 02.11.2022 |
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| elektromatic Spindel GmbH | |
| KTI Balzheim | Origin |

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| water pump cooling water AL-plant cold water plant CCWP.4-458-15K-50Hz-RL34a-evi | Stock 22-044 K22-00044 |
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| AF-1220231F01-S elektromatic Spindel | AF-1220231F01-S + 01 |
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