

خدمات فنی مهندسی

نظری

نقشه برق

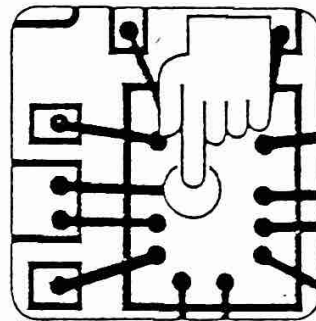
**TRAUB TND300**

**TX8-F**



# Schaltpläne

Sach-Nr. 642 316-11.89



## CNC - Drehmaschine TND 300

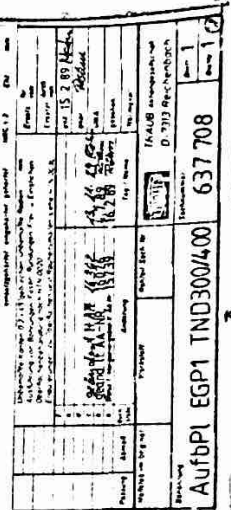
mit TX 8F Steuerung

**TRAUB Aktiengesellschaft**

D-7313 Reichenbach/Fils · Postfach 1180

Tel. (071 53) 502-1 · Telex 7 266 823 · Telefax (071 53) 50 25 55





- \*1 Bei Steuerspannung 220V 2A  
Bei Steuerspannung 110V 3A
- \*2 Bei Steckdose Spannung VDE 220V 2A  
Bei Steckdose Spannung UL 115V 3A
- \*7 Option, Einbau nur bei Auftrag



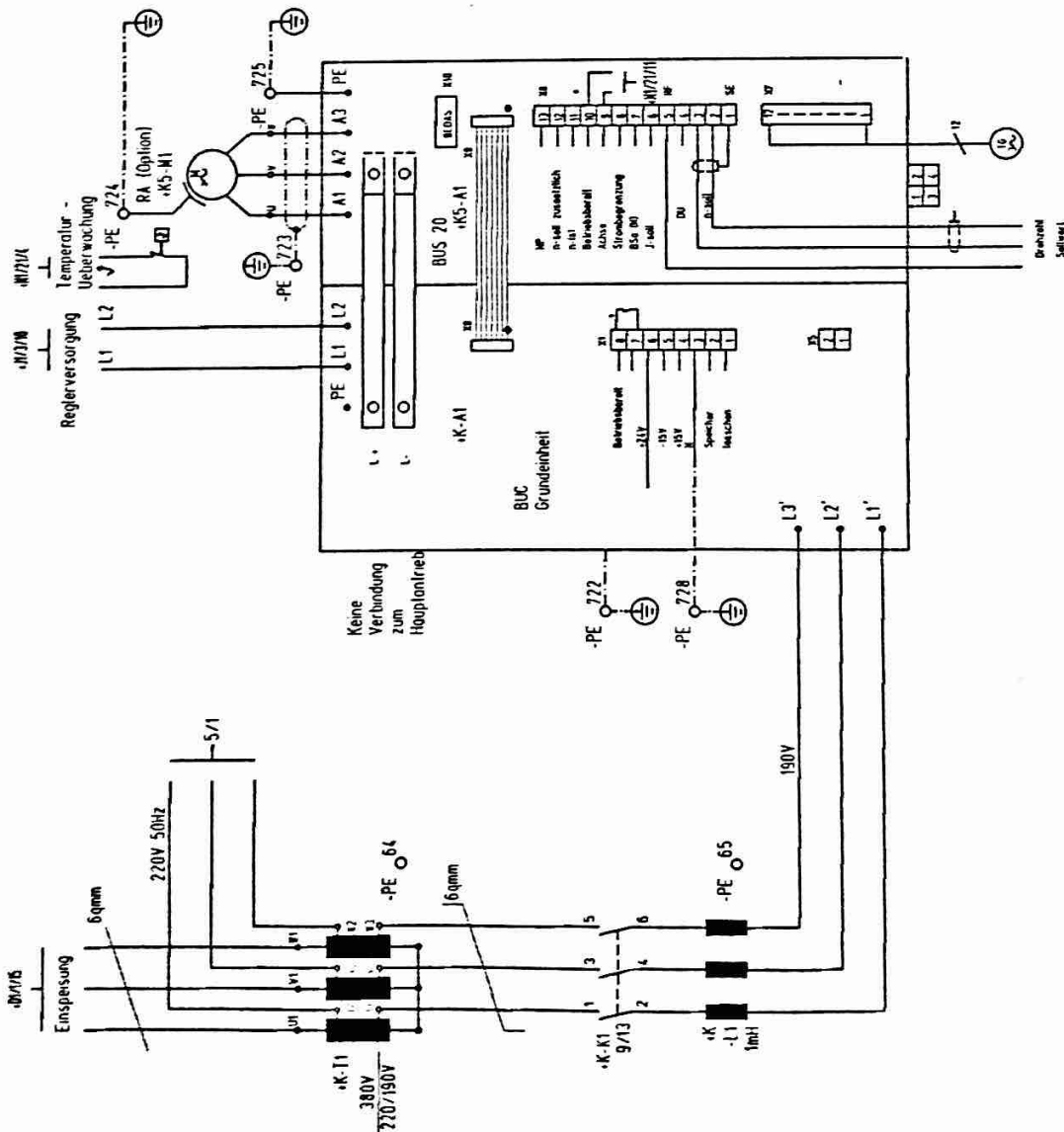






# خدمات فنی مهندسی نظری

0912-5159577



Rot. Antrieb

TND +K

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| Buchstabe                                   |  | Buchstabe                       |  | Buchstabe |  |
| 5111 ALA 10102                              |  | 7510 89 Ro                      |  |           |  |



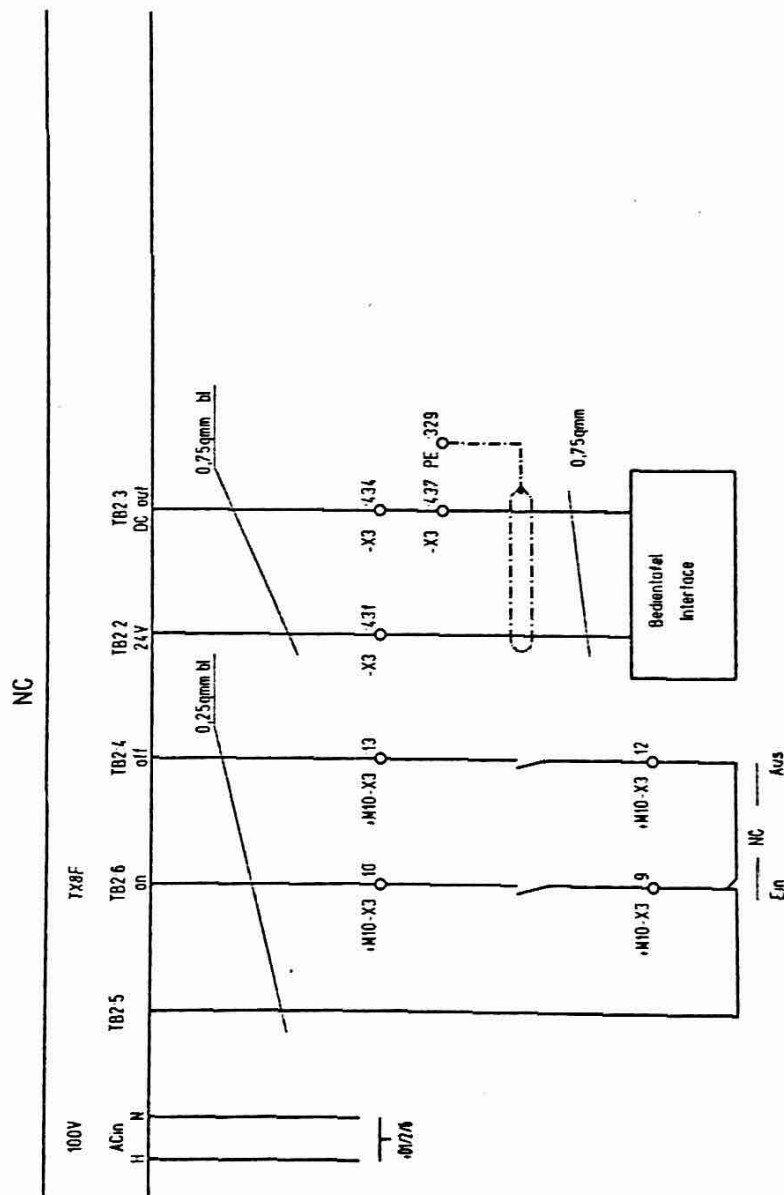




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# نظری

**0912-5159577**



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TRAUB Autogeschäft  
0-7313 Rechenbach



**Sachnummer**

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RUP'LAN

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SIFPI TX8F TND300

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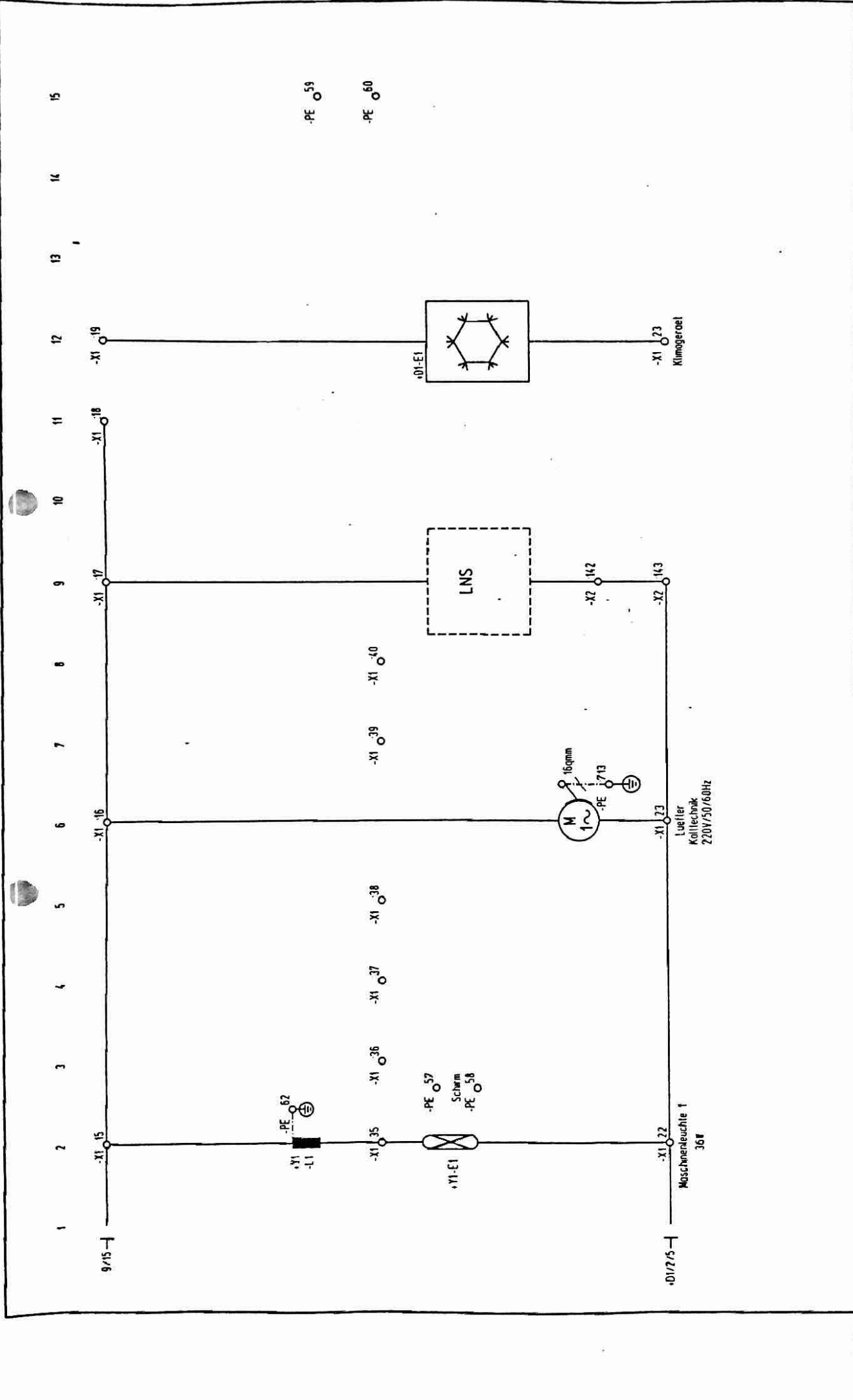
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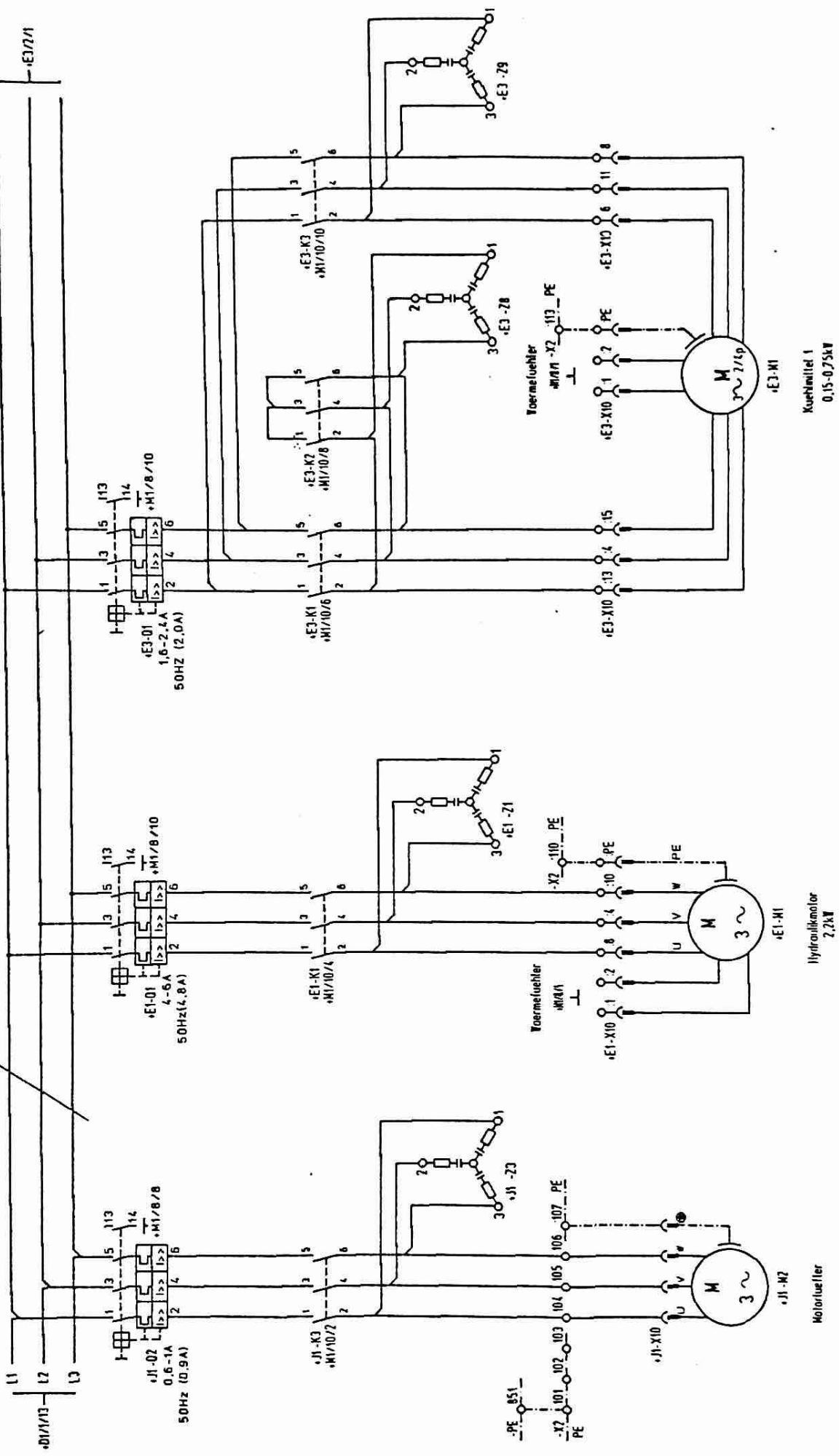




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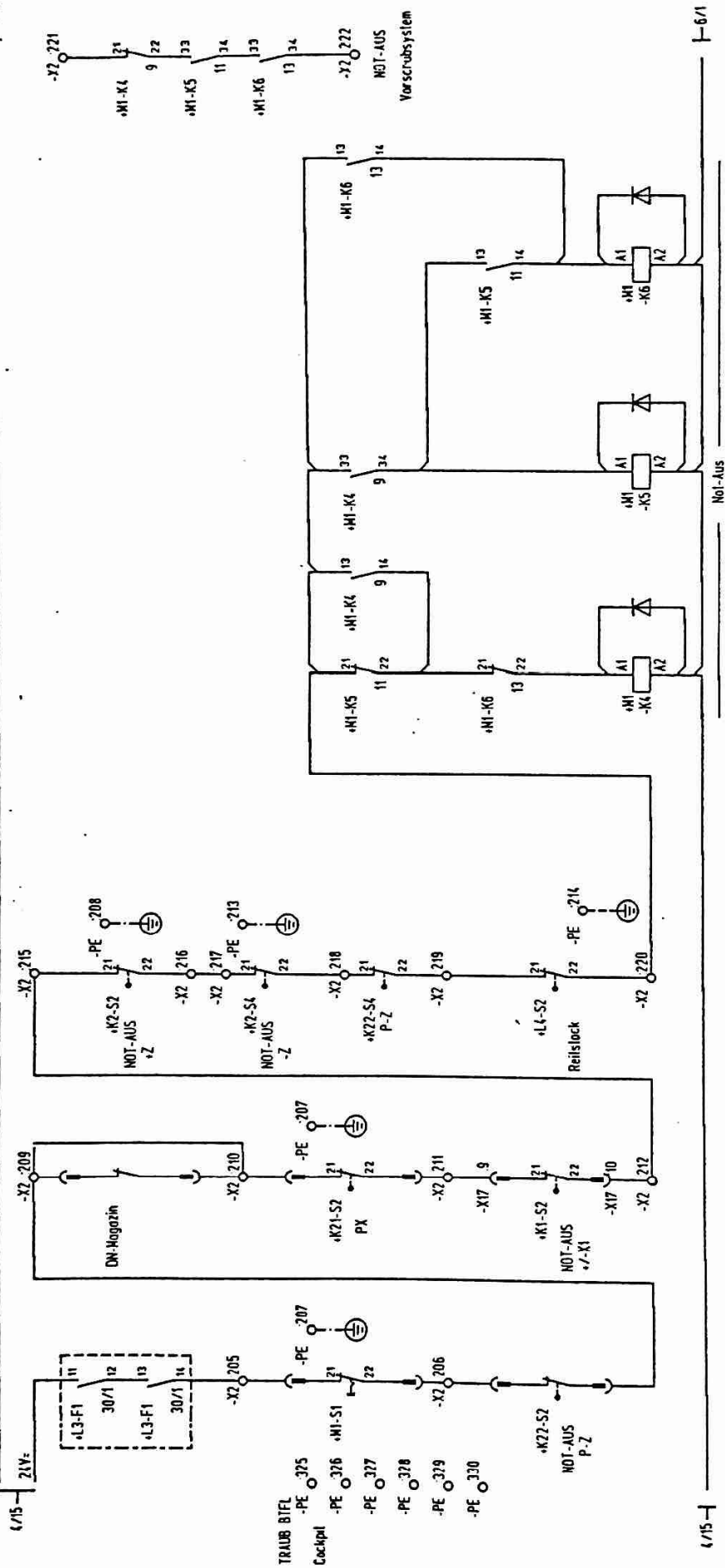


| Motorluefter / Hydraulikmotor / Kuehlmittel |  |   |  |   |  |   |  |   |  | =TND |  | +E1 |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
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| I                                           |  | g |  | d |  | c |  | b |  | a    |  | r   |  | g |  | p |  | a |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  | h |  | g |  |





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



|    |    |       |
|----|----|-------|
| 16 | 17 | 18    |
| 22 | 21 | 9     |
| 34 | 33 | 15    |
| 44 | 43 | 7/5   |
| 54 | 53 | K/5/2 |
| 62 | 61 |       |
| 72 | 71 | 7/5   |
| 84 | 83 | 20/2  |

|                        |  |                                    |  |                          |  |
|------------------------|--|------------------------------------|--|--------------------------|--|
| Not-Aus                |  | =TND                               |  | +M1                      |  |
| gez. 08.08.88 Morlin   |  | RUPLAN                             |  | TRAUB Aktiengesellschaft |  |
| gepr. Raahm            |  | Schaltvermerk nach DIN 34 beachten |  | D-7313 Reichenbach       |  |
| Benennung              |  | Sachnummer                         |  | Blatt 5                  |  |
| SIFPI TX8F TND300/ 400 |  | 638005                             |  | Blatt 41                 |  |
| Tag/Name               |  | Tag/Name                           |  | Tag/Name                 |  |
| Aenderung              |  | Aenderung                          |  | Aenderung                |  |
| 25.10.89 Rot           |  | 25.10.89 Rot                       |  | 25.10.89 Rot             |  |
| Aenderung              |  | Aenderung                          |  | Aenderung                |  |

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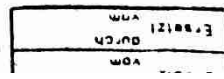






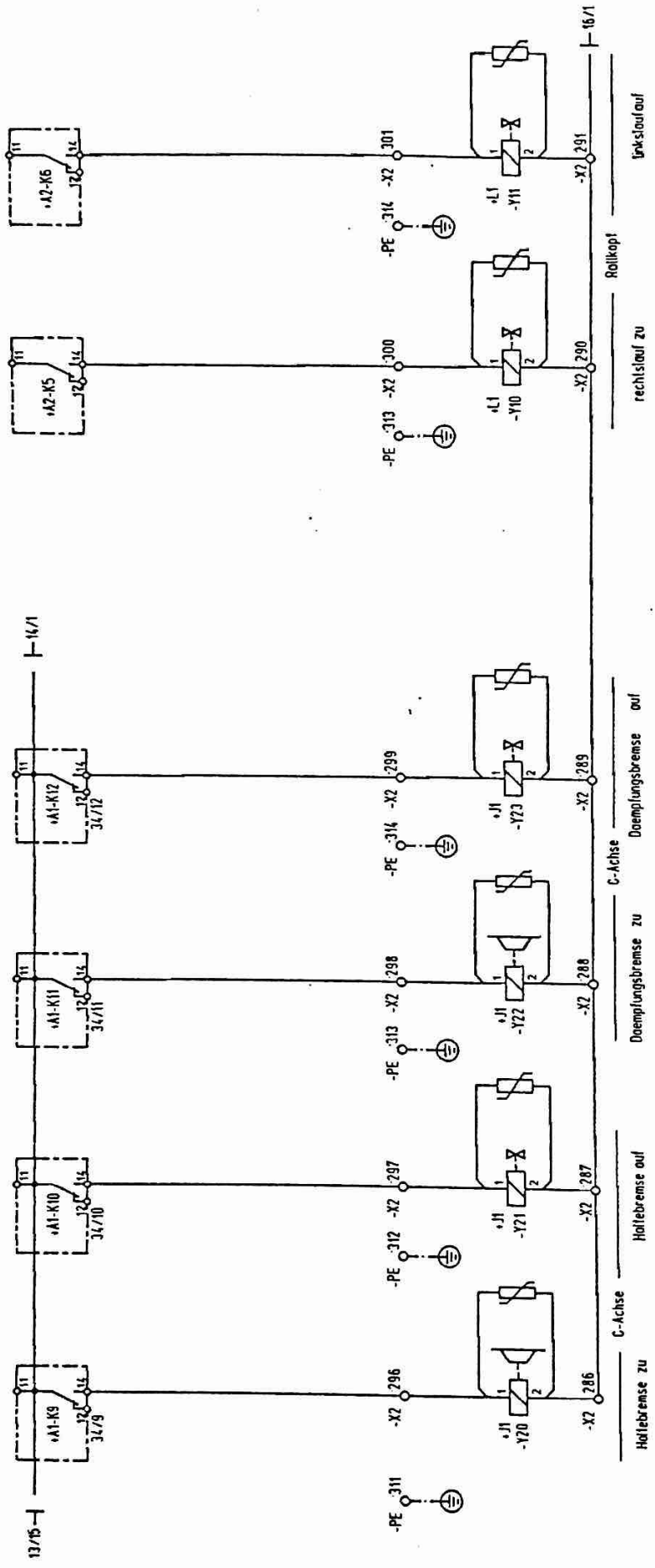






|                      |  |                                                |  |
|----------------------|--|------------------------------------------------|--|
| =TND                 |  | +M1                                            |  |
| TRAUB                |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  |
| Sachnummer           |  | 638005                                         |  |
| Blatt 14             |  | Blatt 41                                       |  |
| geZ. 08 08 88 Martin |  | RUPLAN                                         |  |
| gepr. Roehm          |  | Schulzenermark nach Del 31 beachten            |  |
| Benennung            |  | SIFPI TX8F TND300 / 400                        |  |
| Tag/Name             |  | Tag/Name                                       |  |
| Änderung             |  | Änderung                                       |  |
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| g                    |  | g                                              |  |
| Buch                 |  | Buch                                           |  |
| Tag/Name             |  | Tag/Name                                       |  |
| Änderung             |  | Änderung                                       |  |
| 25.10.89 Ro          |  | 25.10.89 Ro                                    |  |
| SII II AEA 16362     |  | SII II AEA 16362                               |  |
| Änderung             |  | Änderung                                       |  |
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| Tag/Name             |  | Tag/Name                                       |  |
| Änderung             |  | Änderung                                       |  |

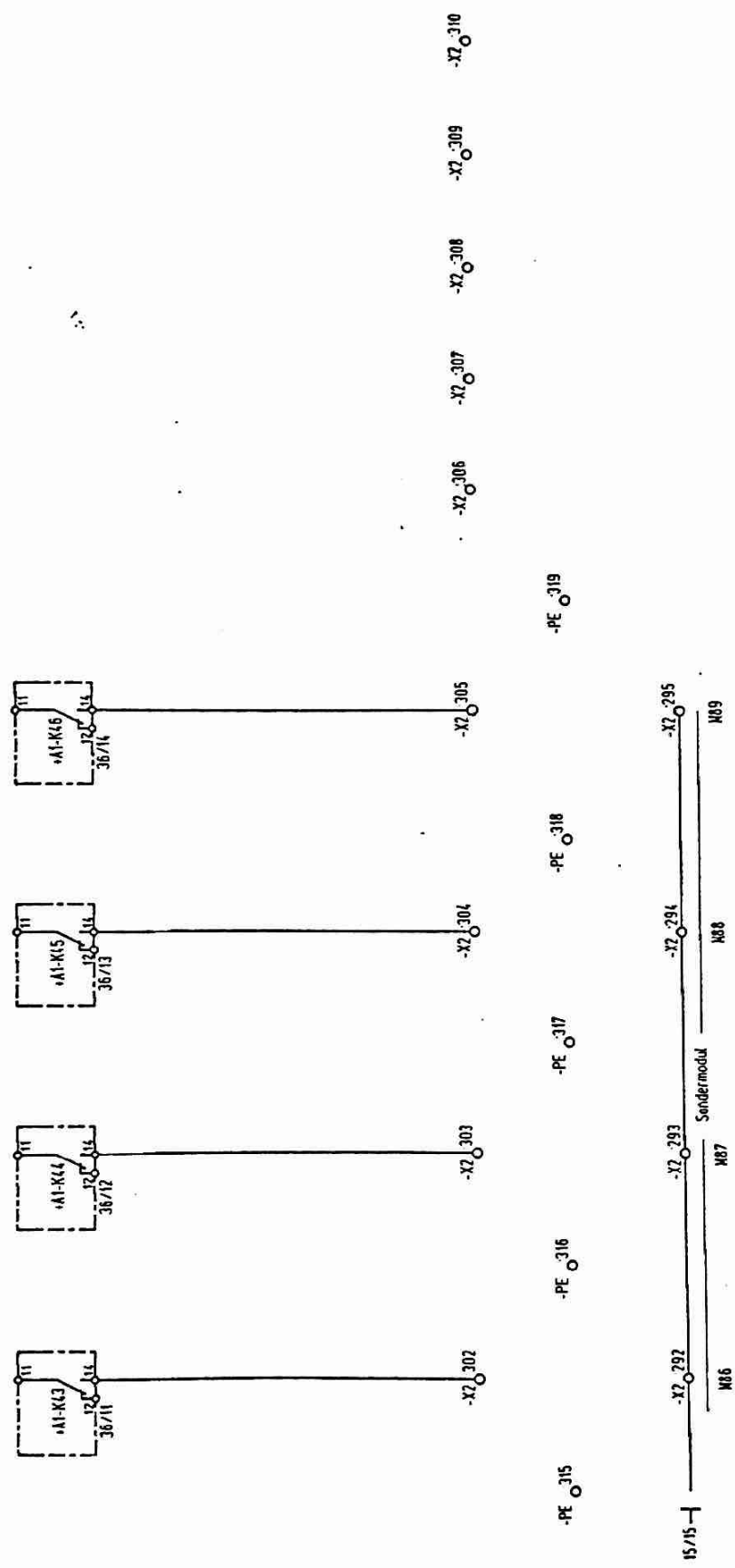
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



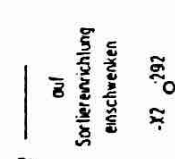
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| Option               |  |  |  | = TND                               |  | + M1               |  |
|----------------------|--|--|--|-------------------------------------|--|--------------------|--|
| Gez. 05.08.88 Martin |  |  |  | RUPLAN                              |  | TRAUB              |  |
| Gepr. Roehm          |  |  |  | Schaltvermerk nach DIN 31. beachten |  | D-7313 Reichenbach |  |
| Benennung            |  |  |  | SifPI TX8F TND300/ 400              |  | Sachnummer         |  |
| Tag/Name             |  |  |  | Aenderung                           |  | Blatt 15           |  |
| Tag/Name             |  |  |  | Aenderung                           |  | Blatt 41           |  |
| Tag/Name             |  |  |  | Aenderung                           |  | 638005             |  |
| Tag/Name             |  |  |  | Aenderung                           |  | 25.10.89 Roehm     |  |
| Tag/Name             |  |  |  | Aenderung                           |  | ST 11 AEA 16362    |  |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



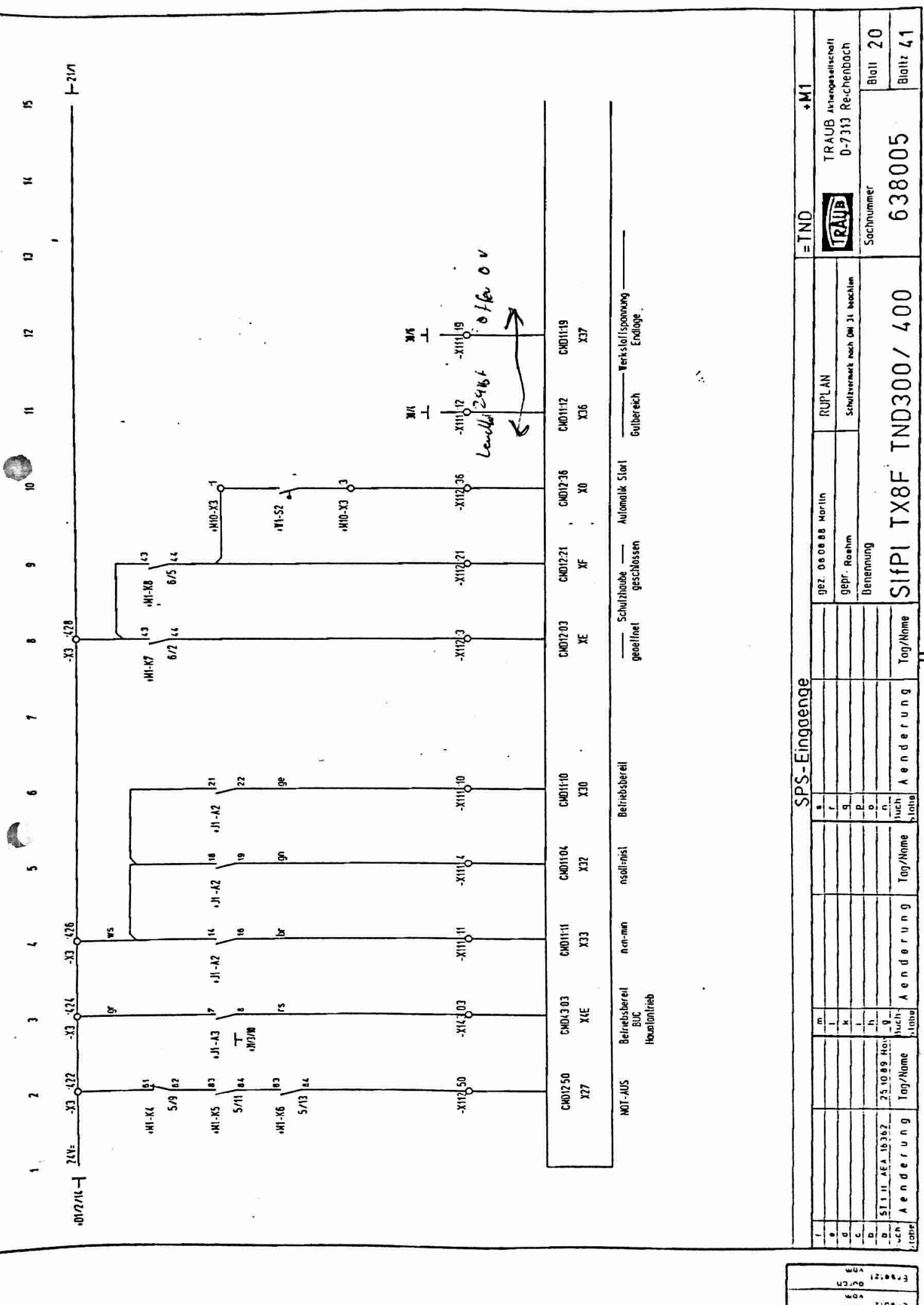
| Option    |  |                  |  |           |  |           |  |           |  | = TND                |  | + M1      |  |                                                                                     |  |        |  |                     |  |
|-----------|--|------------------|--|-----------|--|-----------|--|-----------|--|----------------------|--|-----------|--|-------------------------------------------------------------------------------------|--|--------|--|---------------------|--|
| I         |  |                  |  | m         |  |           |  | s         |  | gez. 08.08.88 Martin |  | RUPLAN    |  |  |  | TRAUB  |  | Arlingsgesellschaft |  |
| e         |  |                  |  | l         |  |           |  | r         |  |                      |  |           |  |                                                                                     |  |        |  | D-7313 Reichenbach  |  |
| d         |  |                  |  | k         |  |           |  | g         |  |                      |  |           |  |                                                                                     |  |        |  |                     |  |
| c         |  |                  |  | l         |  |           |  | p         |  |                      |  |           |  |                                                                                     |  |        |  |                     |  |
| b         |  |                  |  | h         |  |           |  | o         |  |                      |  |           |  |                                                                                     |  |        |  |                     |  |
| a         |  | 31.11.89 Rom     |  | g         |  |           |  | n         |  |                      |  |           |  |                                                                                     |  |        |  |                     |  |
| Tag       |  | 511 11 AEA 10302 |  | Tag/Name  |  | Aenderung |  | Tag/Name  |  | Aenderung            |  | Tag/Name  |  | Aenderung                                                                           |  | 638005 |  | Sochnummer          |  |
| Aenderung |  | Aenderung        |  | Aenderung |  | Aenderung |  | Aenderung |  | Aenderung            |  | Aenderung |  | Aenderung                                                                           |  | 638005 |  | Biall 16            |  |
| Aenderung |  | Aenderung        |  | Aenderung |  | Aenderung |  | Aenderung |  | Aenderung            |  | Aenderung |  | Aenderung                                                                           |  | 638005 |  | Biall 41            |  |



|                                |  |   |  |   |  |             |  |        |  |                                                                                     |  |     |                         |  |
|--------------------------------|--|---|--|---|--|-------------|--|--------|--|-------------------------------------------------------------------------------------|--|-----|-------------------------|--|
| Option IHS / Verlafeinrichtung |  |   |  |   |  |             |  |        |  | =TND                                                                                |  | +M1 |                         |  |
| i                              |  | m |  | s |  | ge          |  | RUPLAN |  |  |  |     | TRAUB                   |  |
| e                              |  | l |  | r |  | 08.08.88    |  | Martin |  |                                                                                     |  |     | Kaufgesellschaft        |  |
| a                              |  | k |  | g |  | gepr. Roehm |  |        |  |                                                                                     |  |     | D-7313 Reichenbach      |  |
| c                              |  | i |  | p |  | Benennung   |  |        |  |                                                                                     |  |     | Sachnummer              |  |
| d                              |  | n |  | o |  |             |  |        |  |                                                                                     |  |     | Blatt 17                |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | Blatt 41                |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | 638005                  |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | SIFPI TX8F TND300 / 400 |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | Sachnummer              |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | Blatt 17                |  |
| o                              |  | h |  | n |  |             |  |        |  |                                                                                     |  |     | Blatt 41                |  |



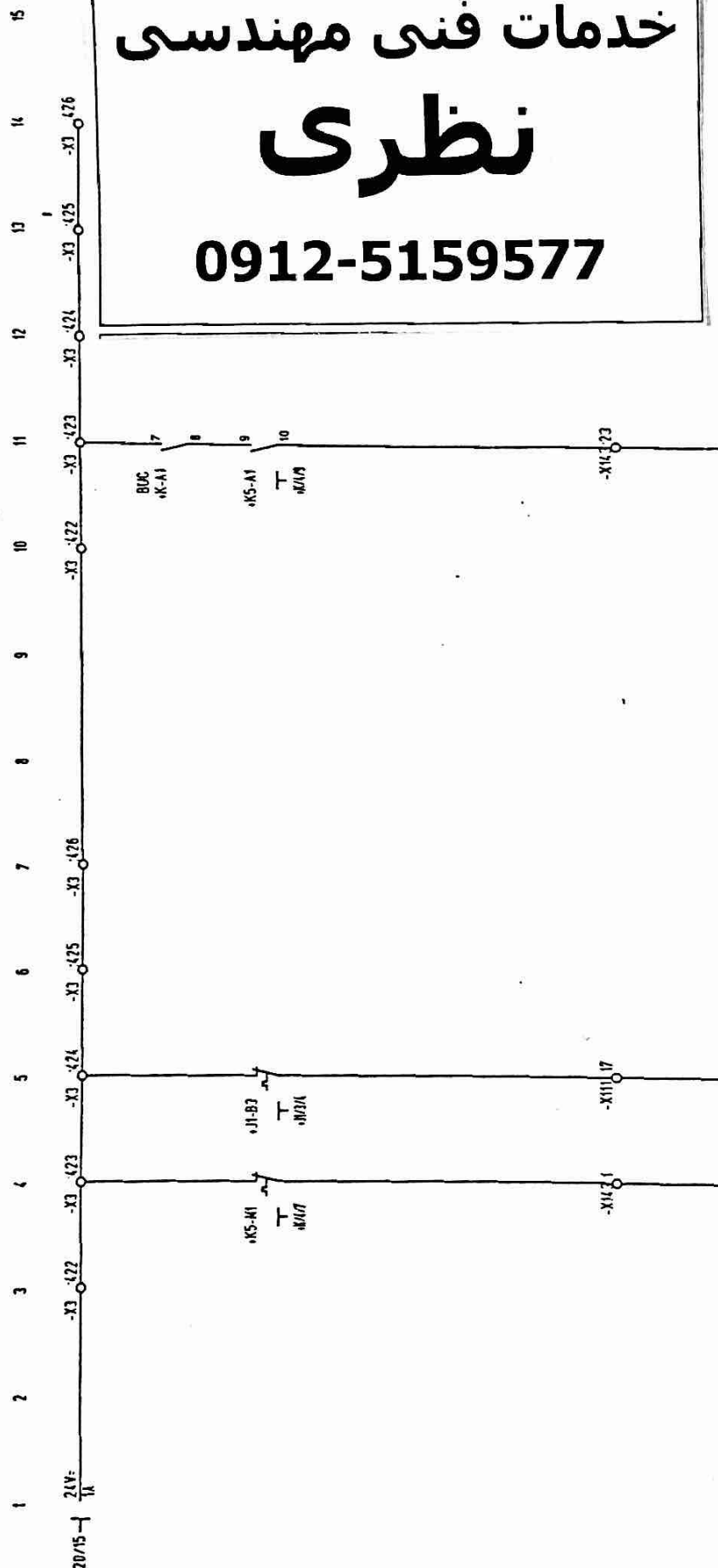




| SPS-Eingänge                    |  |                                 |  |                                 |  |                                 |  |                                 |  | =TND                            |  | +M1                             |  |
|---------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|---------------------------------|--|
| I                               |  | m                               |  | n                               |  | r                               |  | g                               |  | p                               |  | o                               |  |
| Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  |
| Tag/Name                        |  | Tag/Name                        |  | Tag/Name                        |  | Tag/Name                        |  | Tag/Name                        |  | Tag/Name                        |  | Tag/Name                        |  |
| 25.10.89 No.                    |  | 25.10.89 No.                    |  | 25.10.89 No.                    |  | 25.10.89 No.                    |  | 25.10.89 No.                    |  | 25.10.89 No.                    |  | 25.10.89 No.                    |  |
| AE A 16362                      |  | AE A 16362                      |  | AE A 16362                      |  | AE A 16362                      |  | AE A 16362                      |  | AE A 16362                      |  | AE A 16362                      |  |
| Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  | Aenderung                       |  |
| SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  | SILPI TX8F TND300/ 400          |  |
| Benennung                       |  | Benennung                       |  | Benennung                       |  | Benennung                       |  | Benennung                       |  | Benennung                       |  | Benennung                       |  |
| gepr. Roehm                     |  | gepr. Roehm                     |  | gepr. Roehm                     |  | gepr. Roehm                     |  | gepr. Roehm                     |  | gepr. Roehm                     |  | gepr. Roehm                     |  |
| gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  | gez. 06.08.88 Martin            |  |
| RUPLAN                          |  | RUPLAN                          |  | RUPLAN                          |  | RUPLAN                          |  | RUPLAN                          |  | RUPLAN                          |  | RUPLAN                          |  |
| Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  | Schulzhaube nach DM 31 beachten |  |
| Sachnummer                      |  | Sachnummer                      |  | Sachnummer                      |  | Sachnummer                      |  | Sachnummer                      |  | Sachnummer                      |  | Sachnummer                      |  |
| 638005                          |  | 638005                          |  | 638005                          |  | 638005                          |  | 638005                          |  | 638005                          |  | 638005                          |  |
| Blatt 20                        |  | Blatt 20                        |  | Blatt 20                        |  | Blatt 20                        |  | Blatt 20                        |  | Blatt 20                        |  | Blatt 20                        |  |
| Blatt 41                        |  | Blatt 41                        |  | Blatt 41                        |  | Blatt 41                        |  | Blatt 41                        |  | Blatt 41                        |  | Blatt 41                        |  |

Erstellt durch

**0912-5159577**



CMD4323  
X45

Transistor-Versloeker  
Rol. Anrieb  
Betriebsbereit

— Motor —  
Hauptantrieb

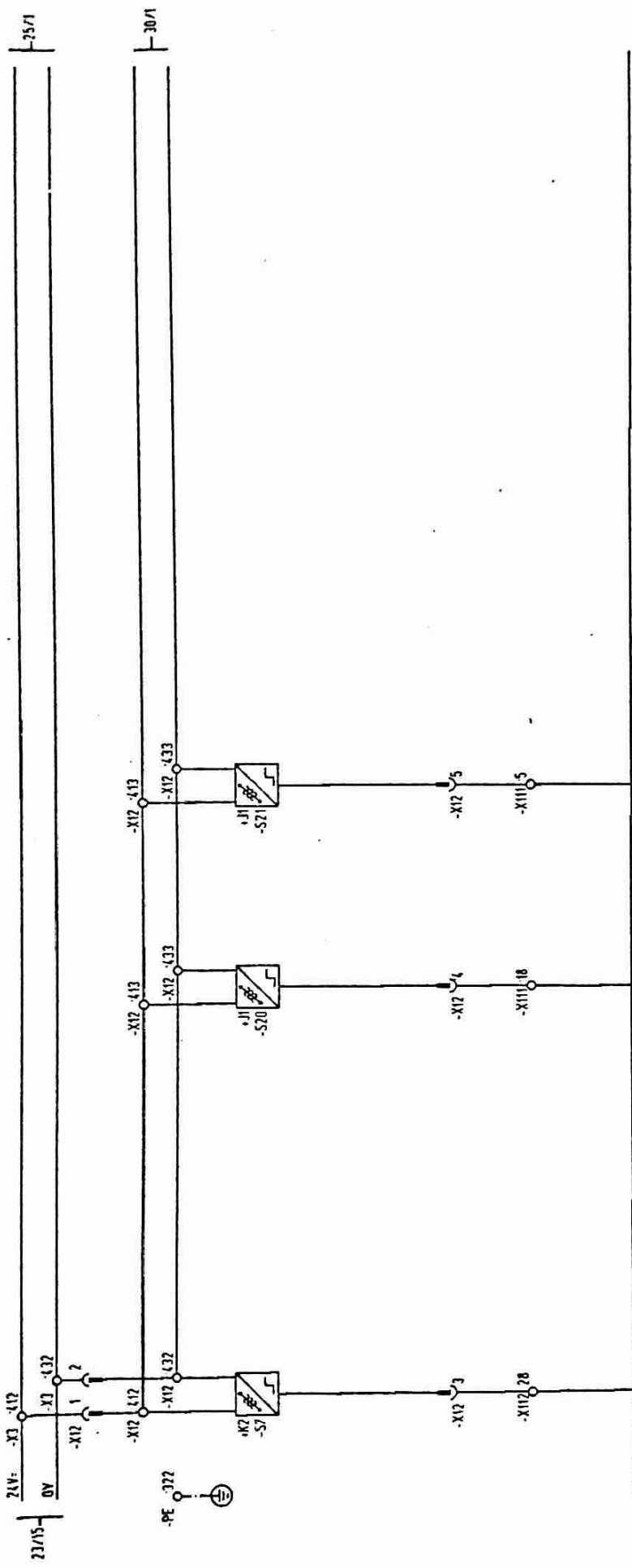
|         |     |
|---------|-----|
| Erreizi | VOM |
| Erreizi | VOM |

| Temperaturüberwachung |                 |          |          |          |          |          |                      |        |                                    | =TND                                                                                |                                            | +M1        |          |
|-----------------------|-----------------|----------|----------|----------|----------|----------|----------------------|--------|------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|------------|----------|
| f                     |                 | m        |          |          |          |          | gez. 08.08.88 Marlin | RUPLAN | Schulzvermerk nach DIN 34 beschlen |  | TRAUB Arbeitsschicht<br>0-7313 Reichenbach | Sachnummer | Blatt 21 |
| a                     |                 | l        |          |          |          |          |                      |        |                                    |                                                                                     |                                            |            |          |
| d                     |                 | k        |          |          |          |          | gepr. Roehm          |        |                                    |                                                                                     |                                            |            |          |
| c                     |                 | i        |          |          |          |          | Benennung            |        |                                    |                                                                                     |                                            |            |          |
| b                     |                 | h        |          |          |          |          |                      |        |                                    |                                                                                     |                                            |            |          |
| a                     | 57111 AEA 10302 | g        |          |          |          |          |                      |        |                                    |                                                                                     |                                            | 638005     |          |
| Such                  | Änderung        | Tag/Name | Änderung | Tag/Name | Änderung | Tag/Name |                      |        |                                    |                                                                                     |                                            |            | Blatt 41 |





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Ueberlast  
Z1-Achse

Hallebremse  
auf

C-Achse  
Dampfungsbremse  
auf

Option

|                                                                                                                                                                                                                                                                                                                       |  |                                                  |  |                                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|-----------------------------------------------|--|
| SPS-Eingänge                                                                                                                                                                                                                                                                                                          |  | = TND                                            |  | + M1                                          |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15<br>16 17 18 19 20 21 22 23 24 25 26 27 28 29 30<br>31 32 33 34 35 36 37 38 39 40 41 42 43 44 45<br>46 47 48 49 50 51 52 53 54 55 56 57 58 59 60<br>61 62 63 64 65 66 67 68 69 70 71 72 73 74 75<br>76 77 78 79 80 81 82 83 84 85 86 87 88 89 90<br>91 92 93 94 95 96 97 98 99 100 |  | RUPLAN<br>Schützvermerk nach DIN 34 wachten      |  | TRAUB Aktiengesellschaft<br>D-7313 Rechenbach |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15<br>16 17 18 19 20 21 22 23 24 25 26 27 28 29 30<br>31 32 33 34 35 36 37 38 39 40 41 42 43 44 45<br>46 47 48 49 50 51 52 53 54 55 56 57 58 59 60<br>61 62 63 64 65 66 67 68 69 70 71 72 73 74 75<br>76 77 78 79 80 81 82 83 84 85 86 87 88 89 90<br>91 92 93 94 95 96 97 98 99 100 |  | gez. 08.08.88 Martin<br>Dr. R. Rasm<br>Benennung |  | Sochnummer<br>638005                          |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15<br>16 17 18 19 20 21 22 23 24 25 26 27 28 29 30<br>31 32 33 34 35 36 37 38 39 40 41 42 43 44 45<br>46 47 48 49 50 51 52 53 54 55 56 57 58 59 60<br>61 62 63 64 65 66 67 68 69 70 71 72 73 74 75<br>76 77 78 79 80 81 82 83 84 85 86 87 88 89 90<br>91 92 93 94 95 96 97 98 99 100 |  | SIFPI TX8F TND300/ 400                           |  | Blatt 24<br>Blatt 41                          |  |











[illegible]
$$\begin{array}{r} 10 \\ 2 \\ 4 \\ 6 \end{array} \begin{array}{r} 9 \\ 11 \frac{5}{2} \\ 13 \frac{5}{2} \\ 15 \end{array}$$

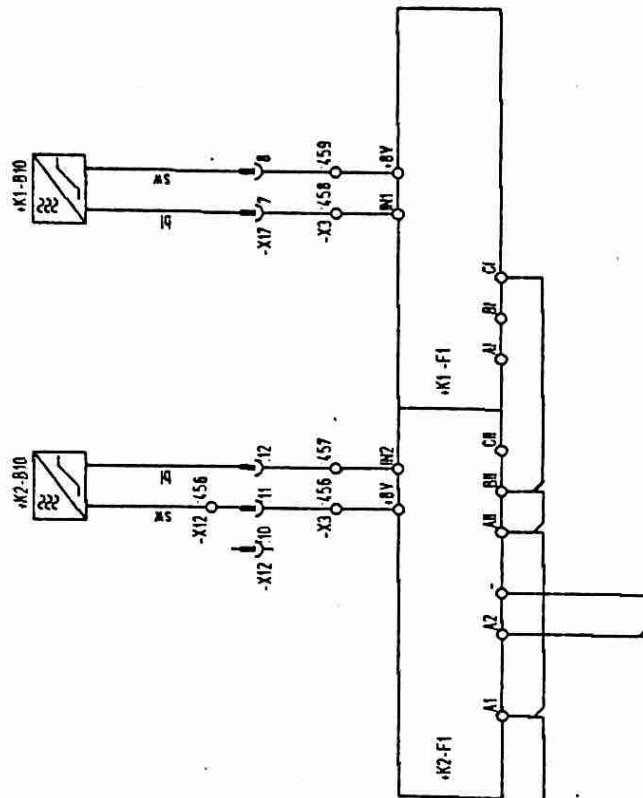
|      |      |
|------|------|
| 1961 | 1962 |
| 1963 | 1964 |
| 1965 | 1966 |
| 1967 | 1968 |
| 1969 | 1970 |
| 1971 | 1972 |
| 1973 | 1974 |
| 1975 | 1976 |
| 1977 | 1978 |
| 1979 | 1980 |
| 1981 | 1982 |
| 1983 | 1984 |
| 1985 | 1986 |
| 1987 | 1988 |
| 1989 | 1990 |
| 1991 | 1992 |
| 1993 | 1994 |
| 1995 | 1996 |
| 1997 | 1998 |
| 1999 | 2000 |
| 2001 | 2002 |
| 2003 | 2004 |
| 2005 | 2006 |
| 2007 | 2008 |
| 2009 | 2010 |
| 2011 | 2012 |
| 2013 | 2014 |
| 2015 | 2016 |
| 2017 | 2018 |
| 2019 | 2020 |
| 2021 | 2022 |
| 2023 | 2024 |
| 2025 | 2026 |
| 2027 | 2028 |
| 2029 | 2030 |
| 2031 | 2032 |
| 2033 | 2034 |
| 2035 | 2036 |
| 2037 | 2038 |
| 2039 | 2040 |
| 2041 | 2042 |
| 2043 | 2044 |
| 2045 | 2046 |
| 2047 | 2048 |
| 2049 | 2050 |
| 2051 | 2052 |
| 2053 | 2054 |
| 2055 | 2056 |
| 2057 | 2058 |
| 2059 | 2060 |
| 2061 | 2062 |
| 2063 | 2064 |
| 2065 | 2066 |
| 2067 | 2068 |
| 2069 | 2070 |
| 2071 | 2072 |
| 2073 | 2074 |
| 2075 | 2076 |
| 2077 | 2078 |
| 2079 | 2080 |
| 2081 | 2082 |
| 2083 | 2084 |
| 2085 | 2086 |
| 2087 | 2088 |
| 2089 | 2090 |
| 2091 | 2092 |
| 2093 | 2094 |
| 2095 | 2096 |
| 2097 | 2098 |
| 2099 | 2100 |
| 2101 | 2102 |
| 2103 | 2104 |
| 2105 | 2106 |
| 2107 | 2108 |
| 2109 | 2110 |
| 2111 | 2112 |
| 2113 | 2114 |
| 2115 | 2116 |
| 2117 | 2118 |
| 2119 | 2120 |
| 2121 | 2122 |
| 2123 | 2124 |
| 2125 | 2126 |
| 2127 | 2128 |
| 2129 | 2130 |
| 2131 | 2132 |
| 2133 | 2134 |
| 2135 | 2136 |
| 2137 | 2138 |
| 2139 | 2140 |
| 2141 | 2142 |
| 2143 | 2144 |
| 2145 | 2146 |
| 2147 | 2148 |
| 2149 | 2150 |
| 2151 | 2152 |
| 2153 | 2154 |
| 2155 | 2156 |
| 2157 | 2158 |
| 2159 | 2160 |
| 2161 | 2162 |
| 2163 | 2164 |
| 2165 | 2166 |
| 2167 | 2168 |
| 2169 | 2170 |
| 2171 | 2172 |
| 2173 | 2174 |
| 2175 | 2176 |
| 2177 | 2178 |
| 2179 | 2180 |
| 2181 | 2182 |
| 2183 | 2184 |
| 2185 | 2186 |
| 2187 | 2188 |
| 2189 | 2190 |
| 2191 | 2192 |
| 2193 | 2194 |
| 2195 | 2196 |
| 2197 | 2198 |
| 2199 | 2200 |
| 2201 | 2202 |
| 2203 | 2204 |
| 2205 | 2206 |
| 2207 | 2208 |
| 2209 | 2210 |
| 2211 | 2212 |
| 2213 | 2214 |
| 2215 | 2216 |
| 2217 | 2218 |
| 2219 | 2220 |
| 2221 | 2222 |
| 2223 | 2224 |
| 2225 | 2226 |
| 2227 | 2228 |
| 2229 | 2230 |
| 2231 | 2232 |
| 2233 | 2234 |
| 2235 | 2236 |
| 2237 | 2238 |
| 2239 | 2240 |
| 2241 | 2242 |
| 2243 | 2244 |
| 2245 | 2246 |
| 2247 | 2248 |
| 2249 | 2250 |
| 2251 | 2252 |
| 2253 | 2254 |
| 2255 | 2256 |
| 2257 | 2258 |
| 2259 | 2260 |
| 2261 | 2262 |
| 2263 |      |

|              |  |  |  |   |  |   |  |   |  |                      |  |                                    |  |
|--------------|--|--|--|---|--|---|--|---|--|----------------------|--|------------------------------------|--|
| Ueberwachung |  |  |  |   |  |   |  |   |  | =TND                 |  | +M1                                |  |
| I            |  |  |  | m |  | r |  | g |  | gep. 06.06.88 Martin |  | RUP'LAN                            |  |
| II           |  |  |  | k |  | g |  | g |  | gepf. Roehm          |  | Schutzvermerk nach DIN 31 beachten |  |
| III          |  |  |  | l |  | p |  | p |  | Denennung            |  |                                    |  |
| IV           |  |  |  | h |  | n |  | n |  |                      |  |                                    |  |
| V            |  |  |  | g |  | h |  | h |  |                      |  |                                    |  |
| VI           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| VII          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| VIII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| IX           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| X            |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XI           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XII          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XIII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XIV          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XV           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XVI          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XVII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XVIII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XIX          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XX           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXI          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXIII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXIV         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXV          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXVI         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXVII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXVIII       |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXIX         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXX          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXI         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXIII       |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXIV        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXV         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXVI        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXVII       |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXVIII      |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XXXIX        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XL           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLI          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLIII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLIV         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLV          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLVI         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLVII        |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLVIII       |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| XLIX         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| L            |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LI           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LII          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LIII         |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LIV          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LV           |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |
| LVI          |  |  |  | h |  | h |  | h |  |                      |  |                                    |  |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

30/15 - -X3 -107 -X3 -108  
10A

30/15 - -X3 -139



14 13 12 11 10 9 8 7 6 5 4 3 2 1

14 13 12 11 10 9 8 7 6 5 4 3 2 1

| Ueberwachung / NC-Achsen |  |              |  |              |  |              |  |              |  | = TND                                 |  | + M1                                           |  |
|--------------------------|--|--------------|--|--------------|--|--------------|--|--------------|--|---------------------------------------|--|------------------------------------------------|--|
| F1                       |  | F2           |  | F3           |  | F4           |  | F5           |  | RUPLAN                                |  | TRAUB Achsengesellschaft<br>D-7313 Reichenbach |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Schaltzeichen nach DIN 31 beschreiben |  | Sachnummer                                     |  |
| 25.10.89 Ros             |  | 25.10.89 Ros |  | 25.10.89 Ros |  | 25.10.89 Ros |  | 25.10.89 Ros |  | gepr. Roehm                           |  | 638005                                         |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Benennung                             |  | Blatt 31                                       |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | SifPI TX8F TND300 / 400               |  | Blatt 41                                       |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | gez. 08.08.88 Hartlin                 |  | TRAUB                                          |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | gepr. Roehm                           |  | D-7313 Reichenbach                             |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Benennung                             |  | Blatt 31                                       |  |
| Aenderung                |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | Aenderung    |  | SifPI TX8F TND300 / 400               |  | Blatt 41                                       |  |











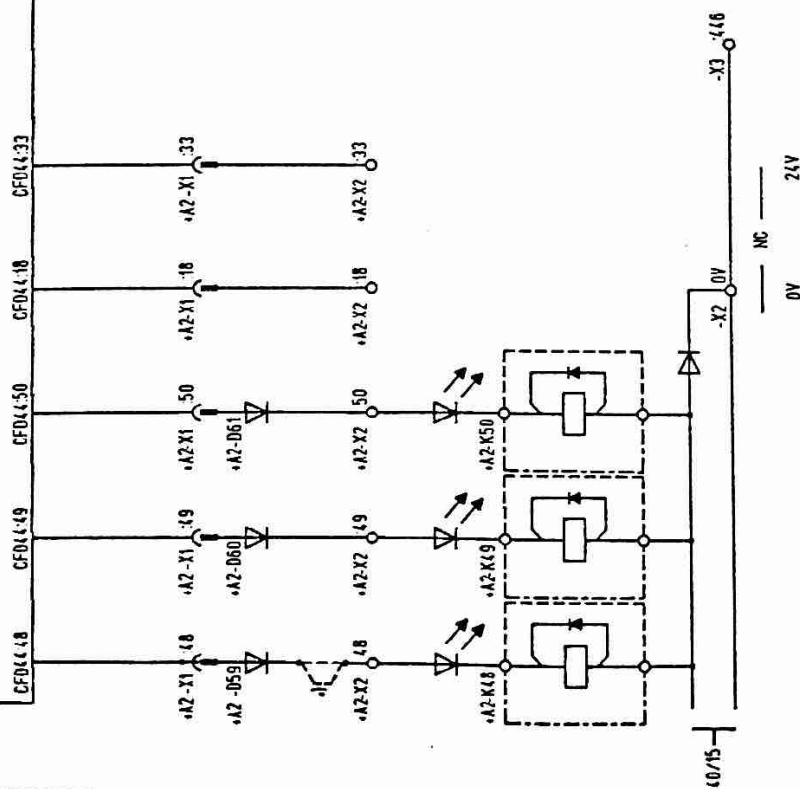








MC 323-1



12 — 11  
12 — 11  
12 — 11

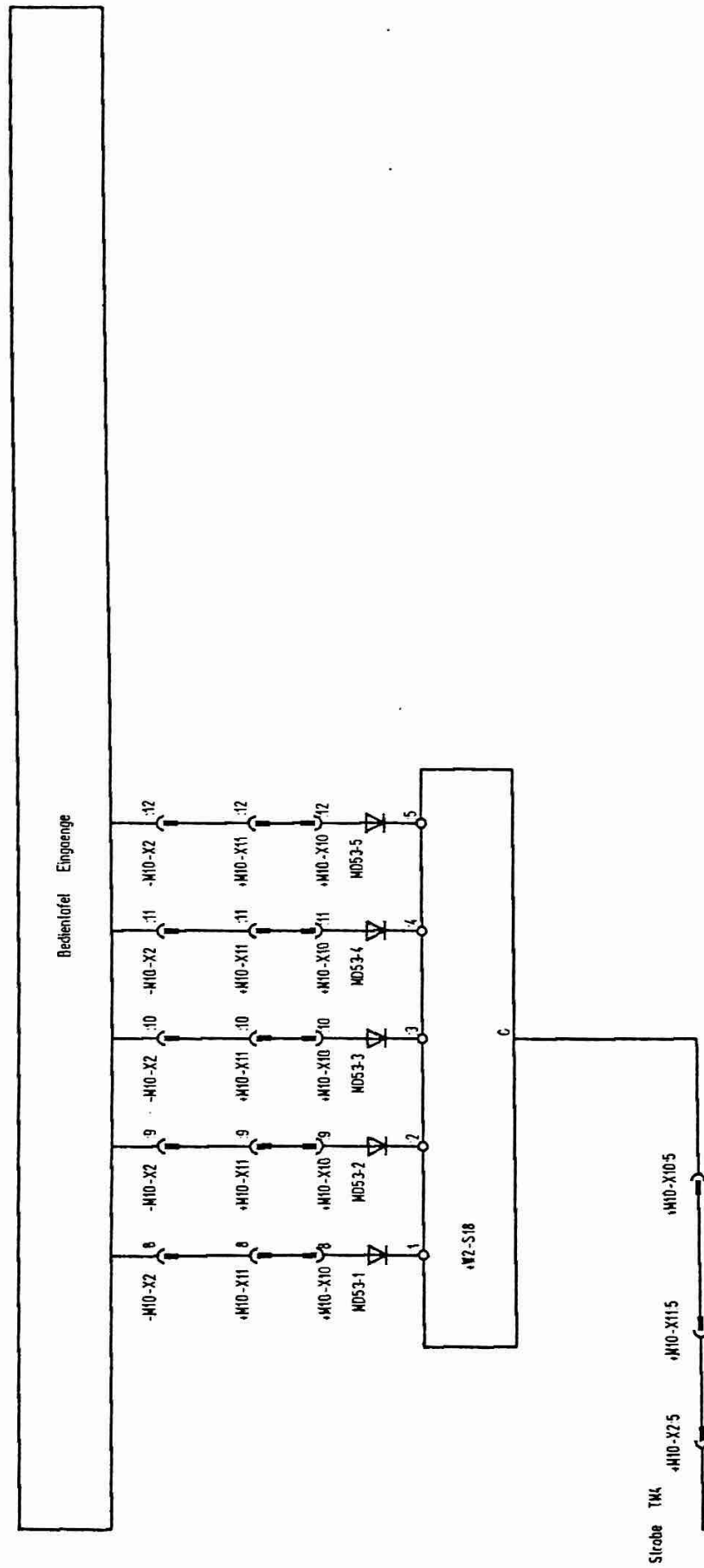
**.) Jumper**

|         |     |
|---------|-----|
| Erreizi | WOW |
| Erreizi | WOW |

[illegible]

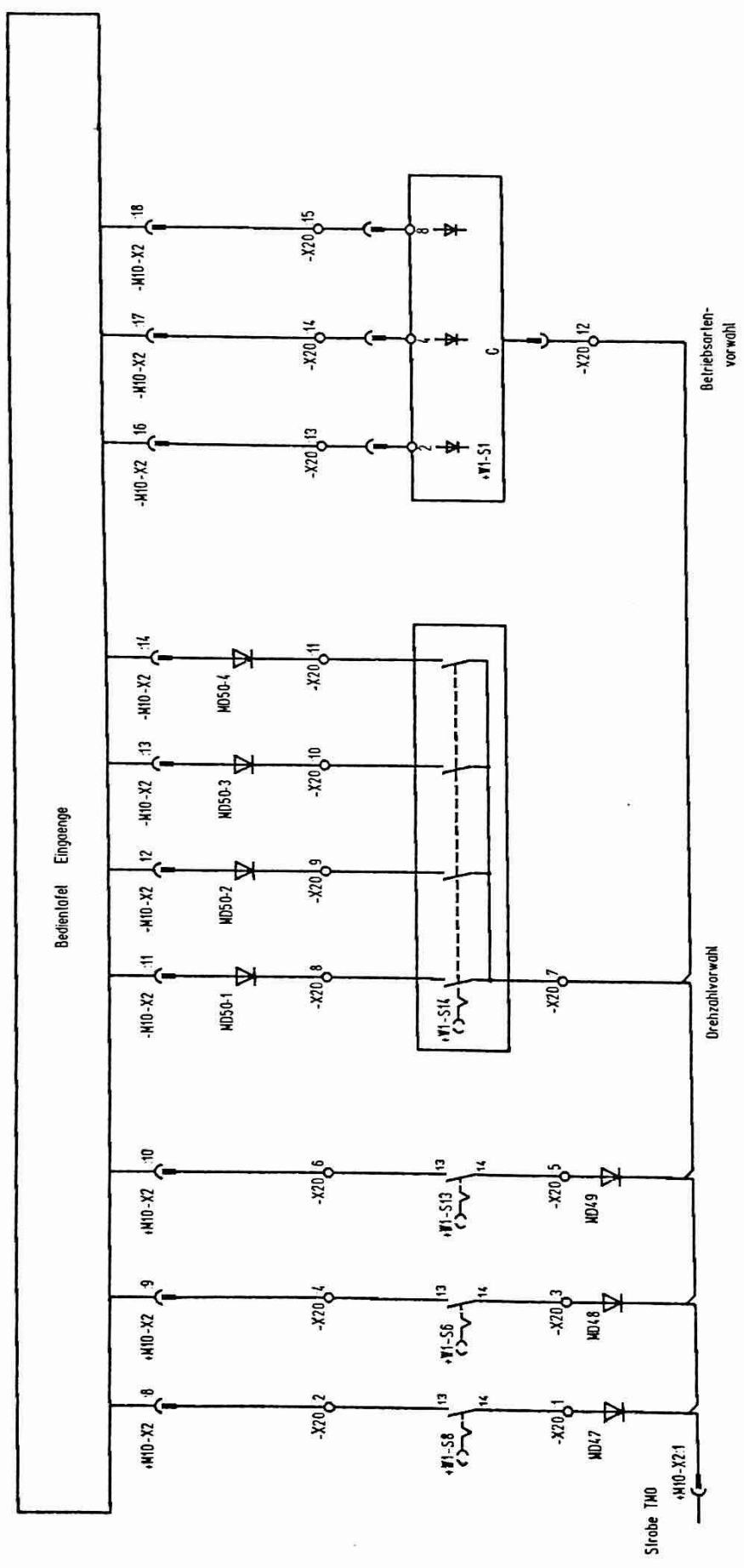






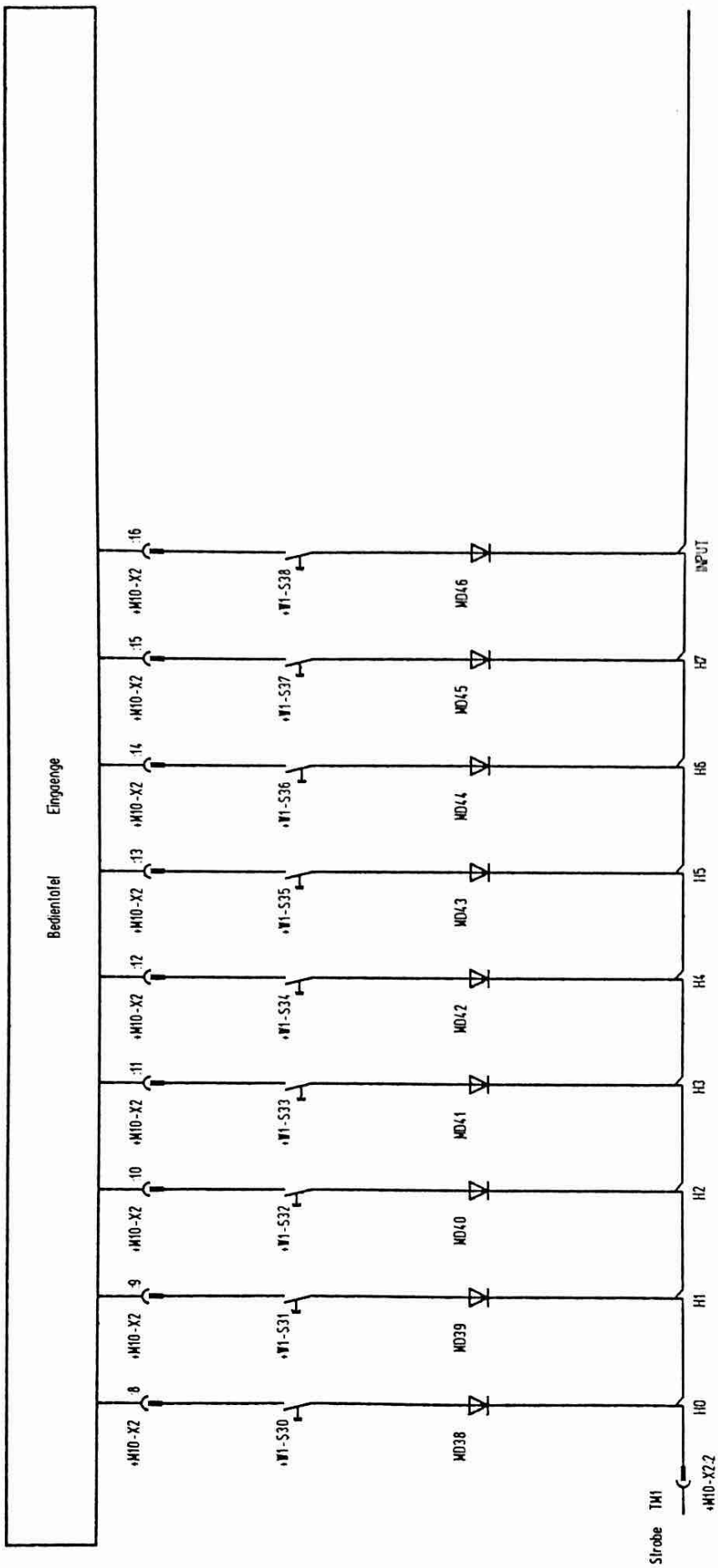
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| Bedientafel Eingänge |  |               |  |               |  |               |  |                    |  | • V1                                           |  |
| f                    |  | m             |  | s             |  | RUPLAN        |  | TRAUB              |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  |
| b                    |  | i             |  | r             |  |               |  |                    |  |                                                |  |
| d                    |  | k             |  | g             |  |               |  |                    |  |                                                |  |
| u                    |  | j             |  | p             |  | gepr. Stübler |  |                    |  |                                                |  |
| b                    |  | h             |  | n             |  | Benennung     |  |                    |  | Sachnummer                                     |  |
| a                    |  | g             |  | n             |  |               |  |                    |  | Blatt 3                                        |  |
| ST 1 LT AEA 15420    |  | 29 8 88 Stübl |  | 29 8 88 Stübl |  |               |  |                    |  | Blatt 11                                       |  |
| Aenderung            |  | Aenderung     |  | Aenderung     |  | Tag/Name      |  | SIFPI TX8F MA_BTFL |  | 637701                                         |  |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



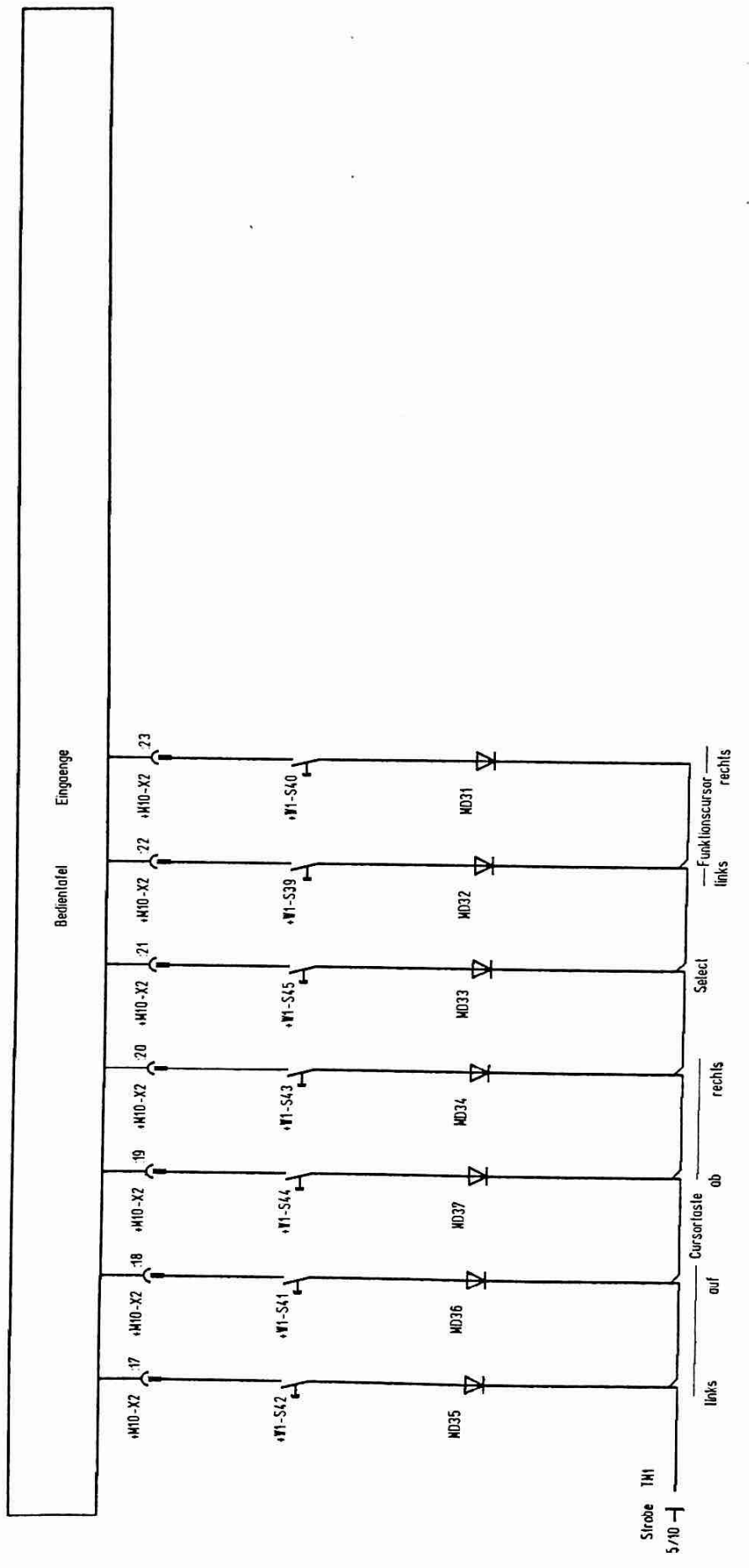
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|----------------------|--|--|--|------------------------------------------------|--|--|--|
| ggr. 12.3.88 Schoror |  |  |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  |  |  |
| ggr. Stiebler        |  |  |  | Schaltvermerk nach DIN 34 beachten             |  |  |  |
| Benennung            |  |  |  | Sachnummer                                     |  |  |  |
| SIPI TX8F MA_BTFL    |  |  |  | 637701                                         |  |  |  |
| Tag/Name             |  |  |  | Blatt 4                                        |  |  |  |
| Änderung             |  |  |  | Blatt 11                                       |  |  |  |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Erstellt durch vom

|                      |  |                                    |  |                |  |
|----------------------|--|------------------------------------|--|----------------|--|
| Bedientafel Eingänge |  | TRAUB                              |  | TRAUB          |  |
| Gez. 17 3 88 Scherer |  | D-7313 Reichenbach                 |  | Blatt 5        |  |
| Gepr. Siebier        |  | Schaltzeichen nach DIN 34 beachten |  | Blatt 11       |  |
| Benennung            |  | SIFPI TX8F MA_BTFL                 |  | 637701         |  |
| Tag/Name             |  | Tag/Name                           |  | Tag/Name       |  |
| Änderung             |  | Änderung                           |  | Änderung       |  |
| Buchstabe            |  | Buchstabe                          |  | Buchstabe      |  |
| 20.08.88 Sifpi       |  | 20.08.88 Sifpi                     |  | 20.08.88 Sifpi |  |
| Änderung             |  | Änderung                           |  | Änderung       |  |

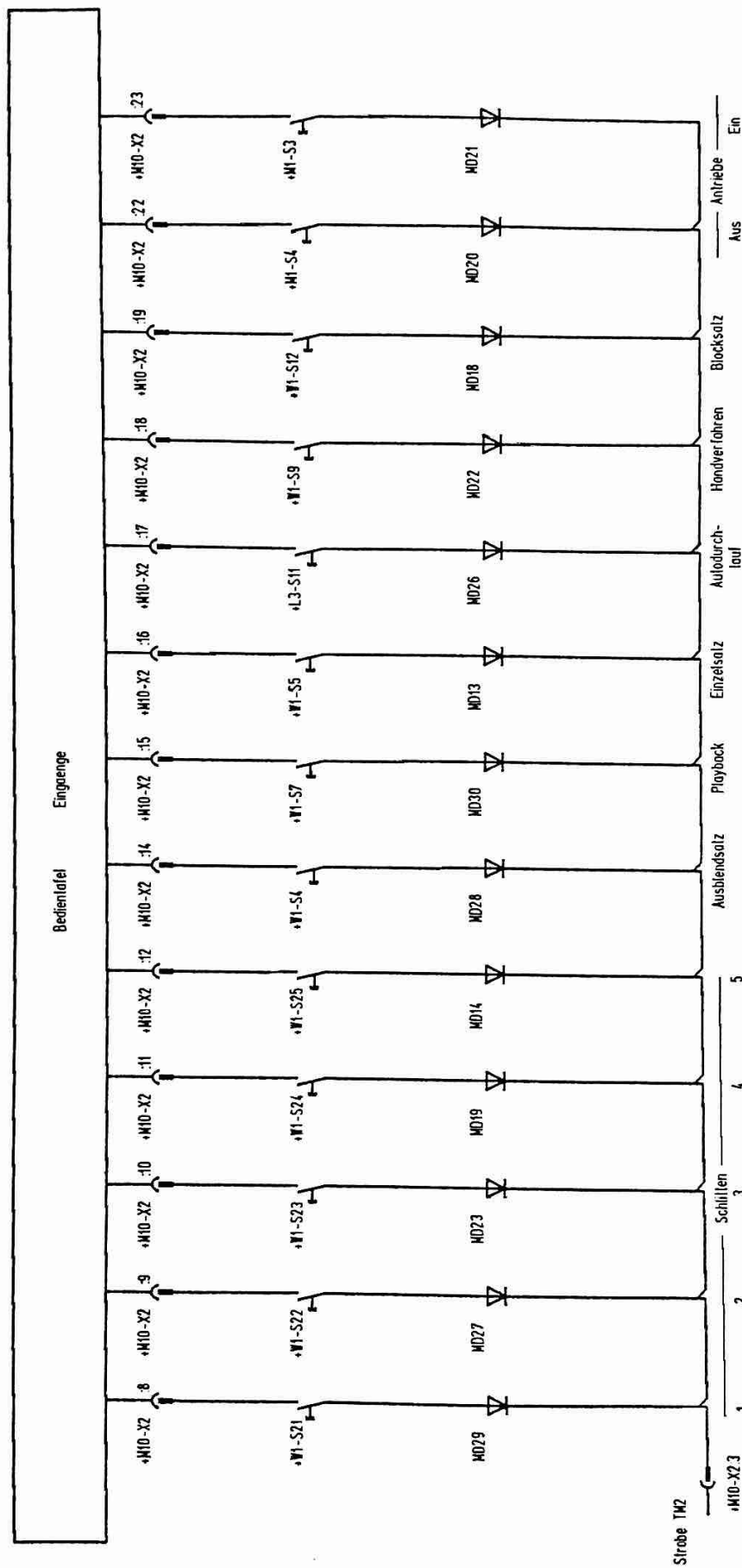


ET 502  
402  
402

| Bedienlafel        |           | Eingange                           |                                                |
|--------------------|-----------|------------------------------------|------------------------------------------------|
| gcz. 17.3.88       | Scharer   | RUP'LAN                            | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |
| gepr. Stablar      | Renennung | Schaltvermerk nach DIN 31 beachten | Sachnummer                                     |
| SIFPI TX8F MA_BTFL |           |                                    | Blatt 6                                        |
| 637.701            |           |                                    | Blatt 11                                       |

| Such-<br>stabe | Tag/Name         | Aenderung | Tag/Name | Aenderung | Such-<br>stabe | Tag/Name | Aenderung | Tag/Name | Aenderung |
|----------------|------------------|-----------|----------|-----------|----------------|----------|-----------|----------|-----------|
| a              | ST 1.1 AFA 15/20 |           | 20.08.88 | Stirol    |                |          |           |          |           |



|        |       |
|--------|-------|
| Erstsz | Vom   |
| Erstsz | durch |

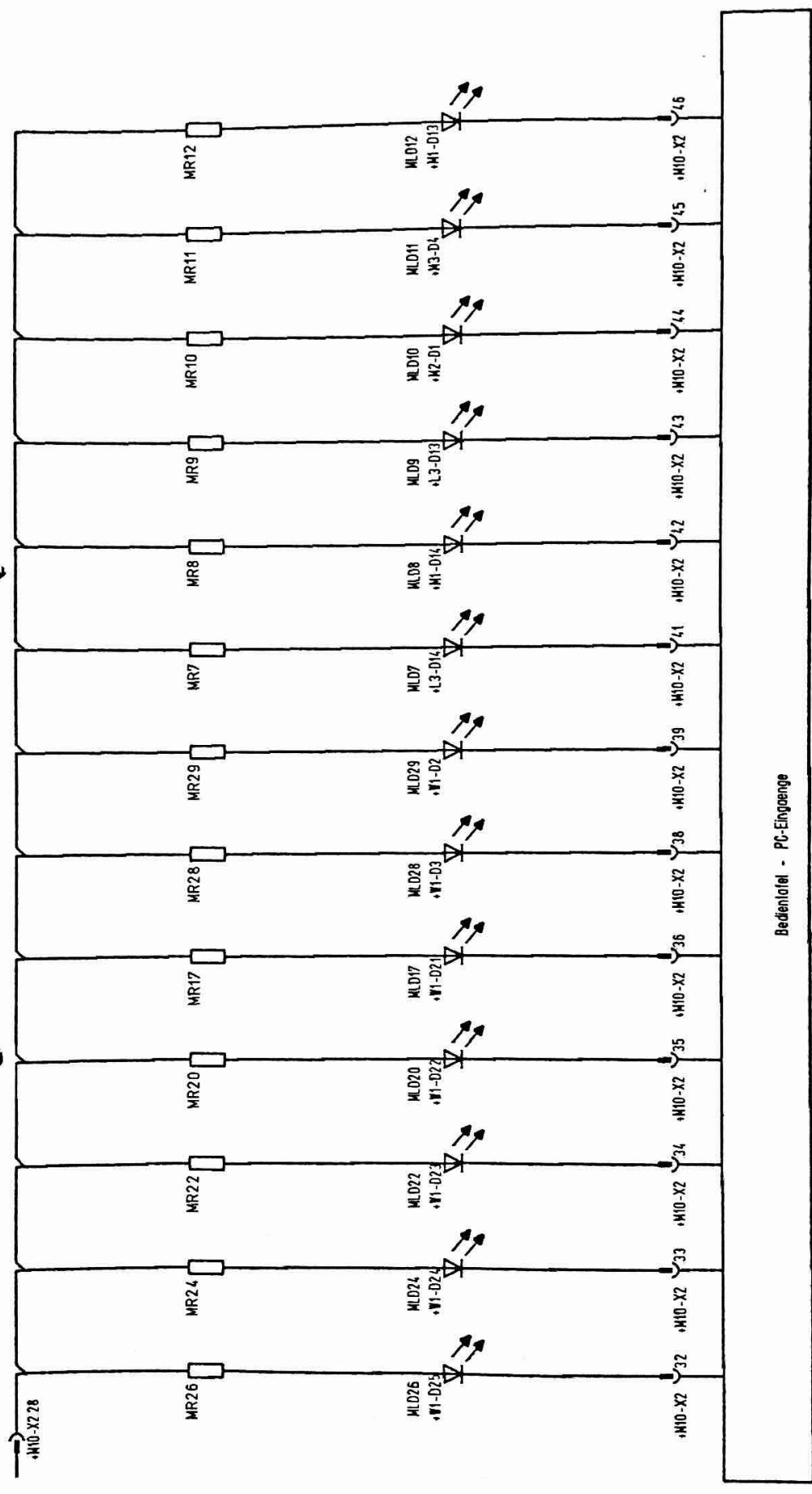
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|----------------------|-------------------|--------------------|--|--|--|--|----------------|---------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Bedienlafel Eingänge |                   |                    |  |  |  |  |                |         |                                 | W1                                                                                                                                 |                     |
| I                    |                   | m                  |  |  |  |  | gez. 17.3.88   | Scherer | RUPLAN                          |  TRAUB Aktiengesellschaft<br>D-7313 Reichenbach | Blatt 7<br>Blatt 11 |
| a                    |                   | l                  |  |  |  |  |                |         |                                 |                                                                                                                                    |                     |
| d                    |                   | k                  |  |  |  |  | gepr. Stabiler |         | Schulzwerk nach DIN 34 beachten |                                                                                                                                    |                     |
| c                    |                   | i                  |  |  |  |  | Benennung      |         |                                 |                                                                                                                                    |                     |
| b                    |                   | h                  |  |  |  |  |                |         |                                 |                                                                                                                                    |                     |
| a                    | ST 1 LT AEA 15420 | g                  |  |  |  |  | Aenderung      |         | SifPI TX8F MA_BTFL              | Sachnummer                                                                                                                         | 637701              |
| Such-<br>Aenderung   |                   | Such-<br>Aenderung |  |  |  |  | Aenderung      |         | Tag/Name                        | Tag/Name                                                                                                                           |                     |







Strabe LM2



Bedienlatel - PC-Eingänge

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Teilssystem

1 2 3 4 5

Vorschub

Automatik

Start

Lueneite 1

Spindel 2

Pinole

Anwahl

FHS

Vorschub

Reserve

Erstellt durch

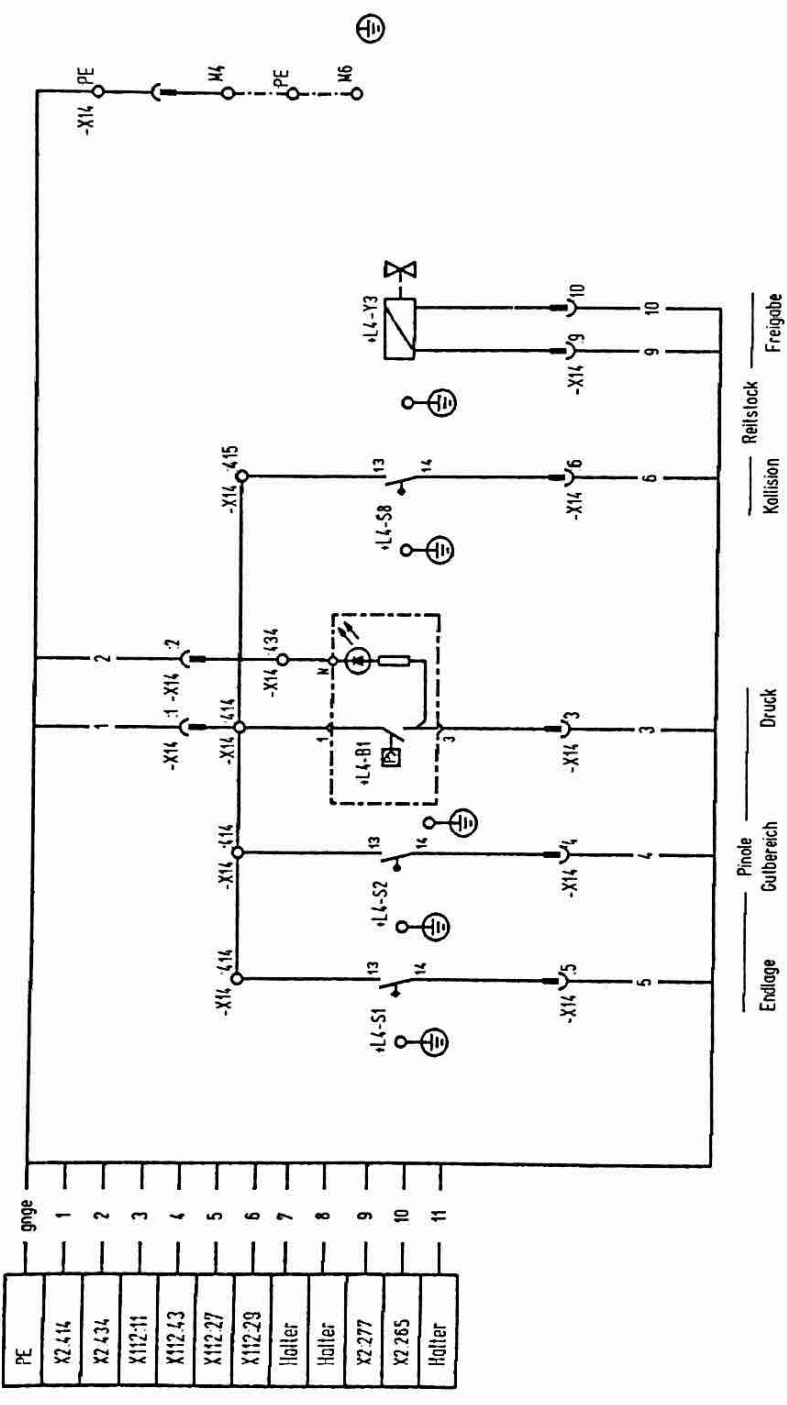
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| i                  |  | m              |  | s              |  | gez. 17.3.88 Schürer |  | RUPLAN                             |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  | Blatt 11 |  |
| d                  |  | k              |  | g              |  | gepr. Stiebler       |  | Schaltvermerk nach DIN 34 beachten |  | Sachnummer                                     |  | Blatt 11 |  |
| c                  |  | h              |  | p              |  | Benennung            |  | SIFPI TX8F MA_BTFL                 |  | 637.701                                        |  | Blatt 11 |  |
| n                  |  | 0              |  | o              |  | Tag/Name             |  | Tag/Name                           |  | 637.701                                        |  | Blatt 11 |  |
| Buch-<br>linie     |  | Buch-<br>linie |  | Buch-<br>linie |  | Aenderung            |  | Aenderung                          |  | 637.701                                        |  | Blatt 11 |  |
| ST 1.1 T AEA 15420 |  | 29.8.88 Sifpi  |  | 29.8.88 Sifpi  |  | Tag/Name             |  | Tag/Name                           |  | 637.701                                        |  | Blatt 11 |  |



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Schalttschrank

Helco



|          |          |
|----------|----------|
| 15.02.21 | 15.02.21 |
| 15.02.21 | 15.02.21 |

| = TND                 |  | -X14:                    |  |
|-----------------------|--|--------------------------|--|
| Gez. 24.10.88 Schoror |  | TRAUB Aktiengesellschaft |  |
| gepr. Hasan           |  | D-7313 Reichenbach       |  |
| Benennung             |  | Sachnummer               |  |
| KlemPI X14 TND300/400 |  | 637691                   |  |
| Tag/Name              |  | Blatt 1                  |  |
| Aenderung             |  | Blatt 1                  |  |

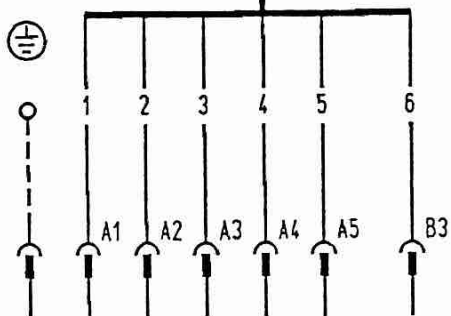








|               |   |
|---------------|---|
| X3:413        | 1 |
| X3:443        | 2 |
| Klemmenhalter | 3 |
| X143:9        | 4 |
| Klemmenhalter | 5 |
| X143:41       | 6 |



Steckdose D15

CAD-Original

gez. 18.10.89 Scher

Ersatz fuer vom

Schutzvermerk  
nach DIN 34  
beachten



TRAUB Aktiengesellschaft  
D-7313 Reichenbach

gepr. Roehm

Ersetzt durch vom

Benennung TX8F TND300/400  
VdrPI L8 -X10 SORE

Sachnummer

638079

Blatt 1

Blattz. 1

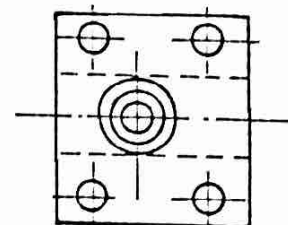
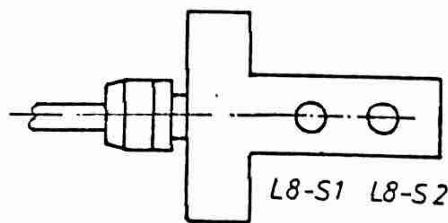
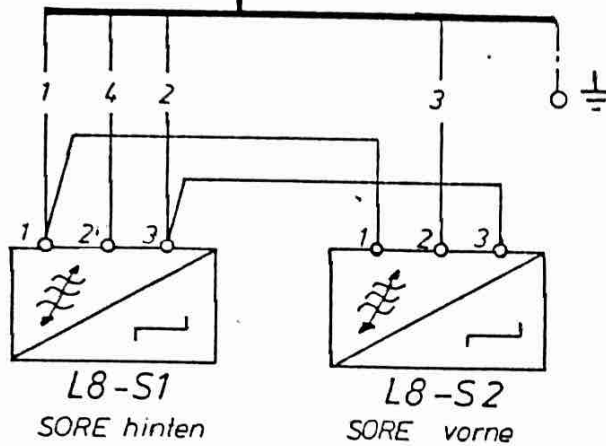
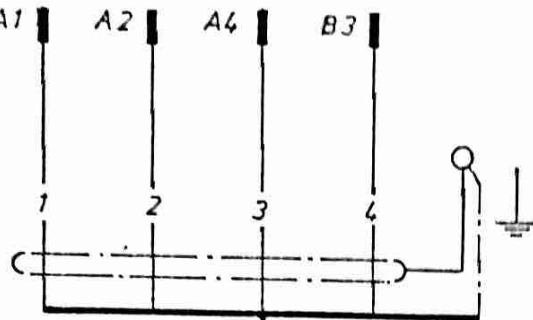
Stecker

L8-X10: A1

A2

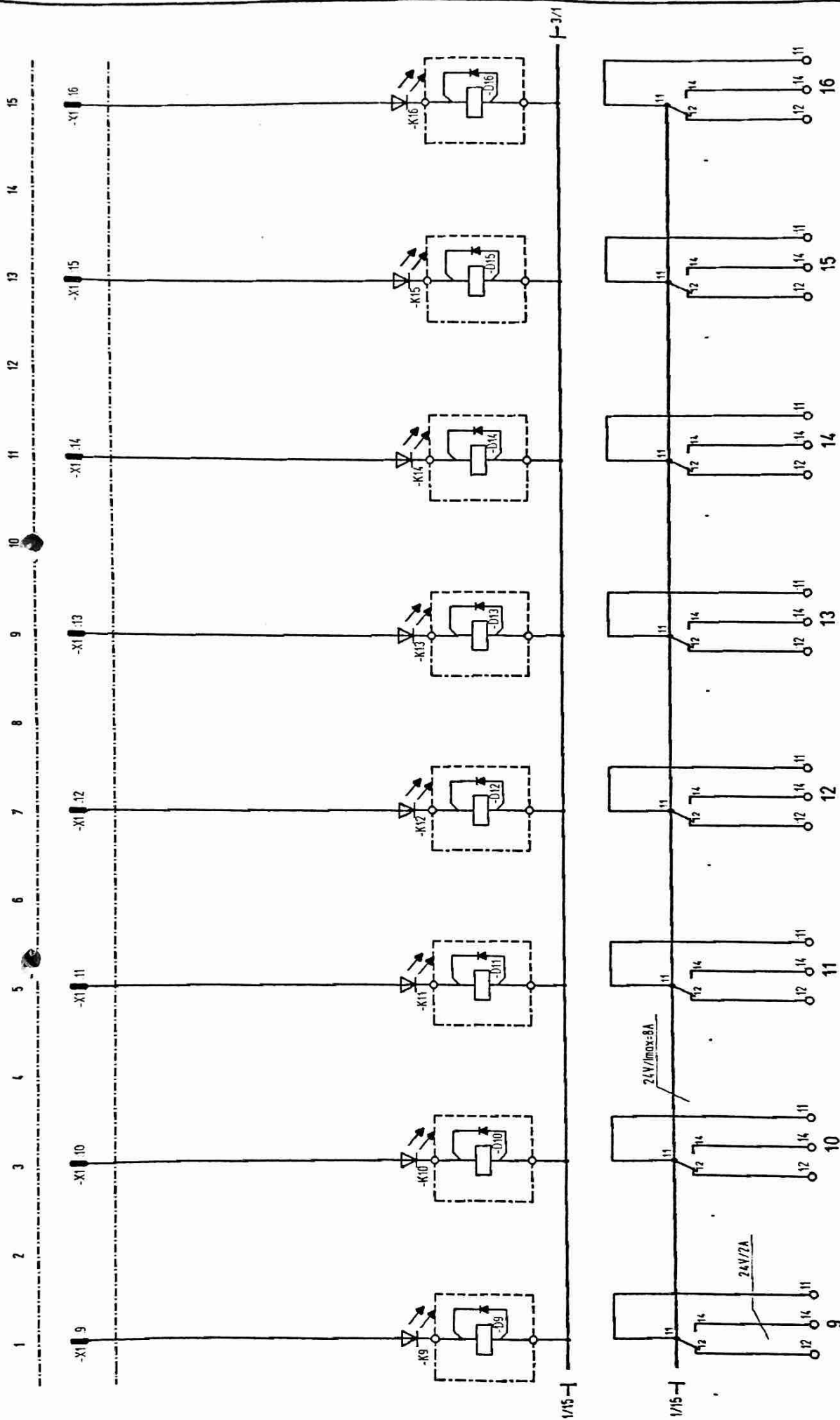
A4

B3



|               |                     |           |  |                                                           |         |
|---------------|---------------------|-----------|--|-----------------------------------------------------------|---------|
| gez.          | 7.3.83 <i>Shacs</i> | GWA       |  | HERMANN TRAUB, Maschinenfabrik<br>7313 Reichenbach / Fils |         |
| gepr.         | 1.3.83 <i>Röhm</i>  | normgepr. |  |                                                           |         |
| Benennung     |                     |           |  | Sachnummer                                                | Blatt 1 |
| VdrPI L8 SORE |                     |           |  | 645 994                                                   | Blatt 1 |

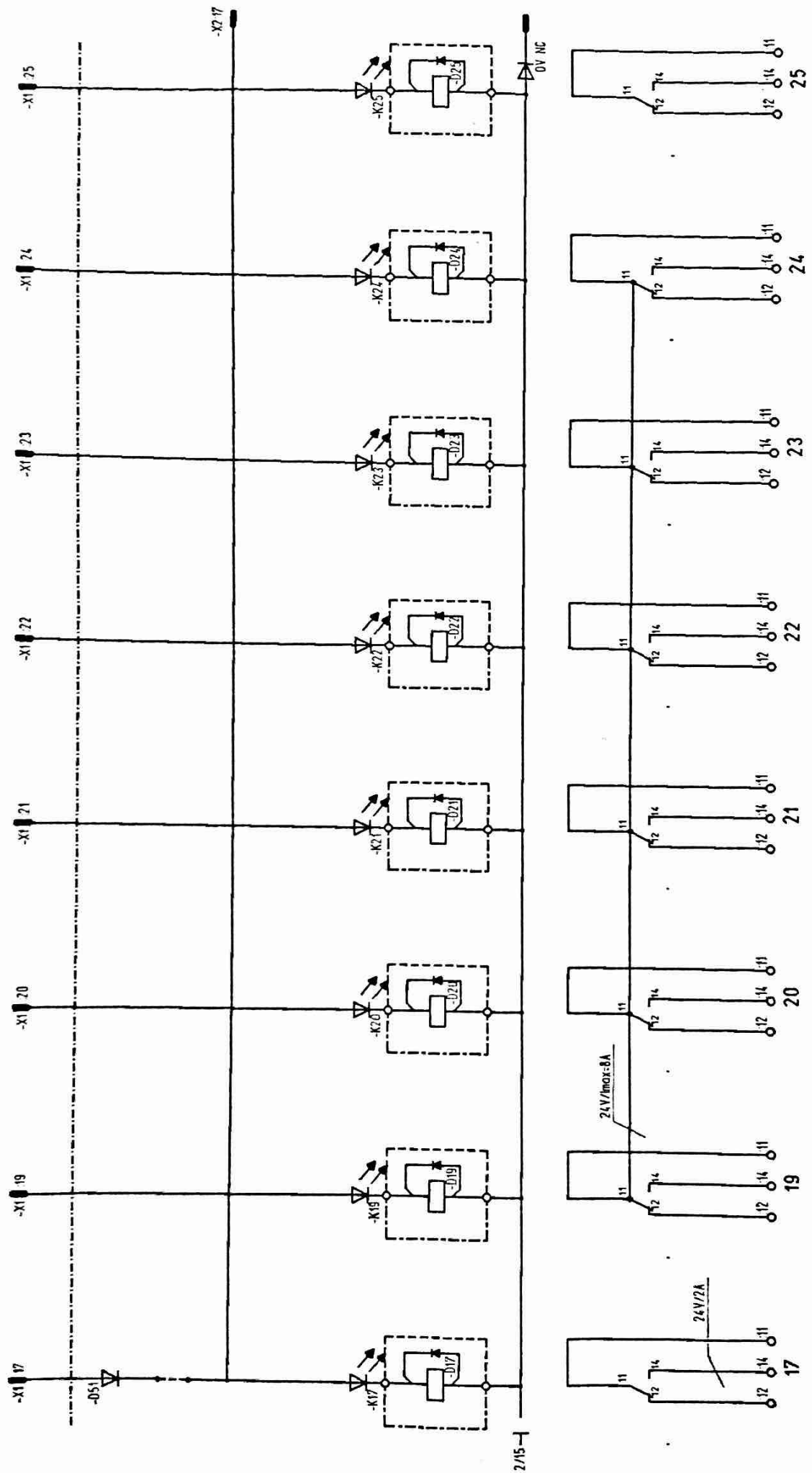




|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div>TRAUB</div> <div>TRAUB Aktiengesellschaft<br/>D-7313 Reichenbach</div> </div>                                                                                                                                            | <div> <div>gez. 02.03.89 Martin</div> <div>gepr. Heinrich</div> <div>Benennung</div> </div>                                                                                                                                         | <div> <div>RUPPLAN</div> <div>Schaltzeichen nach DIN 31 beachten</div> </div>                                                                                                                                                       | <div> <div>Blatt 2</div> <div>Blatt 7</div> </div>                                                                                                                                                                                  |
| <div> <div>ST 1 II AEA 15802</div> <div>03.03.89 1101</div> </div>                                                                                                                                                                  | <div> <div>24V/7A</div> <div>24V/7A</div> </div>                                                                                                                                                                                    | <div> <div>1/15</div> <div>1/15</div> </div>                                                                                                                                                                                        | <div> <div>1/15</div> <div>1/15</div> </div>                                                                                                                                                                                        |
| <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> | <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> | <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> | <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div> |

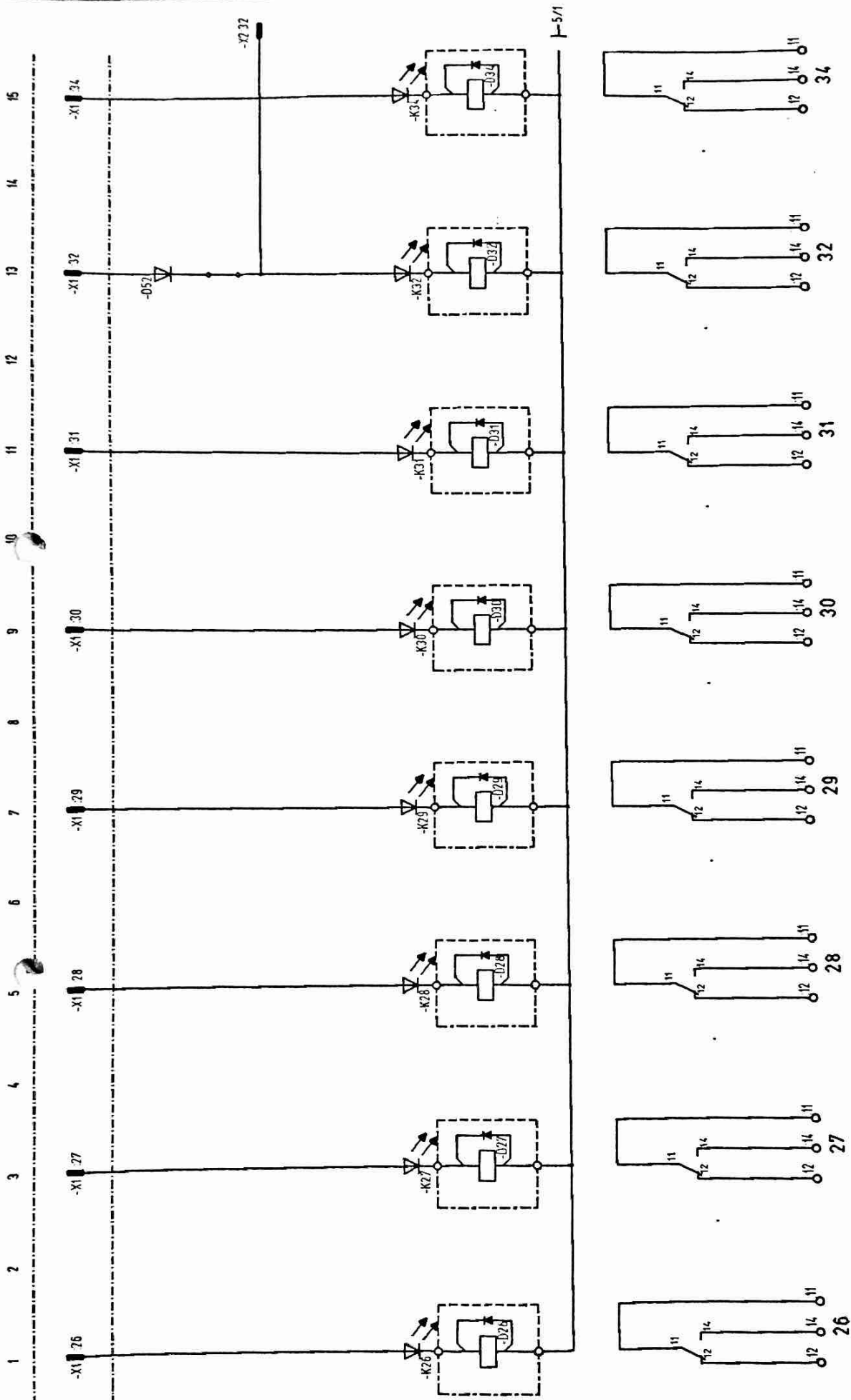
# SIFPI Relaiskarte

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Erstellt von  
Drehen von

|                      |  |                                    |  |                                                |  |           |  |
|----------------------|--|------------------------------------|--|------------------------------------------------|--|-----------|--|
| Gez. 02.03.89 Morlin |  | RUPLAN                             |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  | Blatt 3   |  |
| gepr. Heinrich       |  | Schaltzeichen nach DIN 34 beschlen |  | Sachnummer                                     |  | 638011    |  |
| Benennung            |  | SIFPI Relaiskarte                  |  | Blatt 7                                        |  |           |  |
| Tag/Name             |  | Tag/Name                           |  | Tag/Name                                       |  | Tag/Name  |  |
| Aenderung            |  | Aenderung                          |  | Aenderung                                      |  | Aenderung |  |
| Buchstabe            |  | Buchstabe                          |  | Buchstabe                                      |  | Buchstabe |  |
| 0                    |  | 0                                  |  | 0                                              |  | 0         |  |
| 1                    |  | 1                                  |  | 1                                              |  | 1         |  |
| 2                    |  | 2                                  |  | 2                                              |  | 2         |  |
| 3                    |  | 3                                  |  | 3                                              |  | 3         |  |
| 4                    |  | 4                                  |  | 4                                              |  | 4         |  |
| 5                    |  | 5                                  |  | 5                                              |  | 5         |  |
| 6                    |  | 6                                  |  | 6                                              |  | 6         |  |
| 7                    |  | 7                                  |  | 7                                              |  | 7         |  |
| 8                    |  | 8                                  |  | 8                                              |  | 8         |  |
| 9                    |  | 9                                  |  | 9                                              |  | 9         |  |
| 10                   |  | 10                                 |  | 10                                             |  | 10        |  |
| 11                   |  | 11                                 |  | 11                                             |  | 11        |  |
| 12                   |  | 12                                 |  | 12                                             |  | 12        |  |
| 13                   |  | 13                                 |  | 13                                             |  | 13        |  |
| 14                   |  | 14                                 |  | 14                                             |  | 14        |  |
| 15                   |  | 15                                 |  | 15                                             |  | 15        |  |
| 16                   |  | 16                                 |  | 16                                             |  | 16        |  |
| 17                   |  | 17                                 |  | 17                                             |  | 17        |  |
| 18                   |  | 18                                 |  | 18                                             |  | 18        |  |
| 19                   |  | 19                                 |  | 19                                             |  | 19        |  |
| 20                   |  | 20                                 |  | 20                                             |  | 20        |  |
| 21                   |  | 21                                 |  | 21                                             |  | 21        |  |
| 22                   |  | 22                                 |  | 22                                             |  | 22        |  |
| 23                   |  | 23                                 |  | 23                                             |  | 23        |  |
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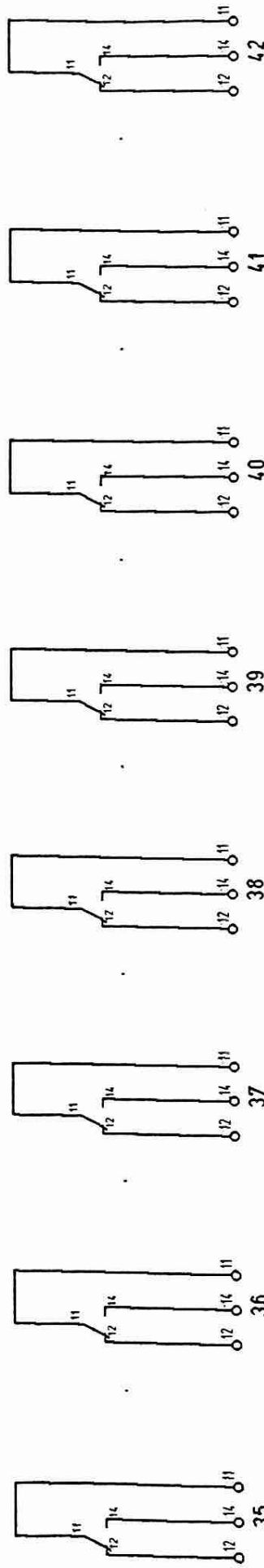
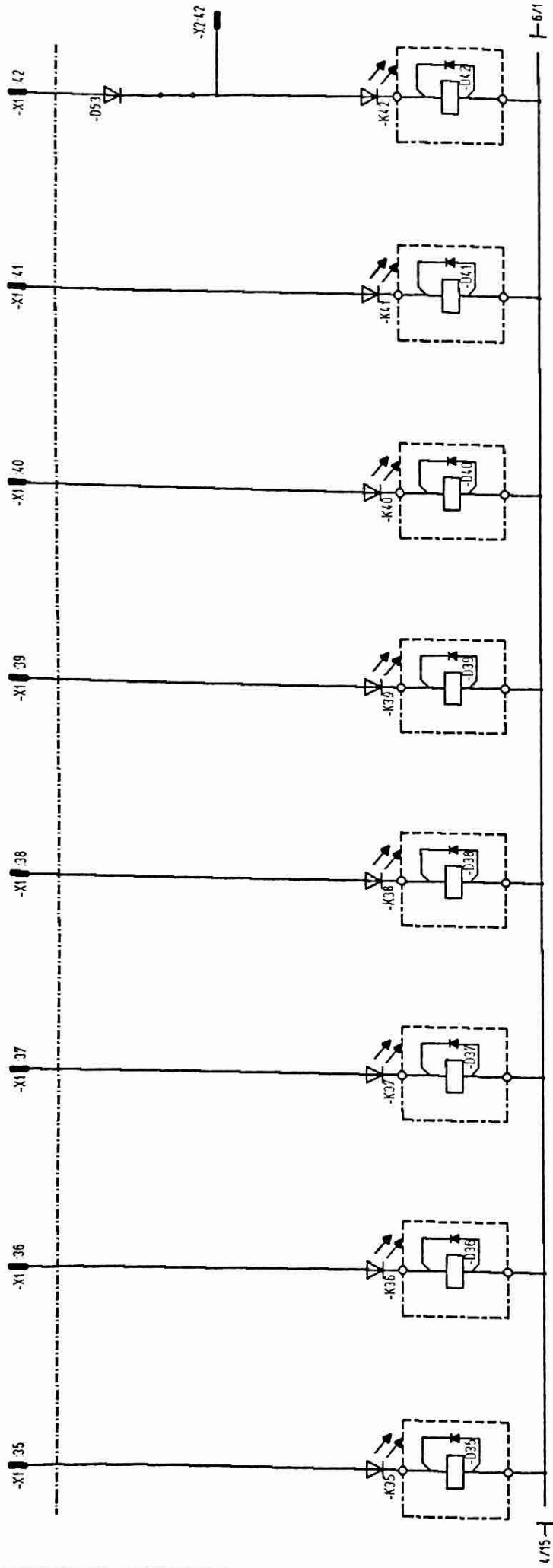


Preis: 1,50  
 durch: 1,50  
 von: 1,50  
 für: 1,50

| Buchst.   |                 | Tag/Name  |       | Tag/Name  |   | Tag/Name  |   |
|-----------|-----------------|-----------|-------|-----------|---|-----------|---|
| a         | ST 11 AEA 15802 | 03 03 89  | 11/01 | g         | h | h         | h |
| b         |                 |           |       | i         | i | i         | i |
| c         |                 |           |       | j         | j | j         | j |
| d         |                 |           |       | k         | k | k         | k |
| e         |                 |           |       | l         | l | l         | l |
| f         |                 |           |       | m         | m | m         | m |
| Aenderung |                 | Aenderung |       | Aenderung |   | Aenderung |   |
| Buchst.   |                 | Tag/Name  |       | Tag/Name  |   | Tag/Name  |   |
| n         |                 | n         |       | n         |   | n         |   |
| o         |                 | o         |       | o         |   | o         |   |
| p         |                 | p         |       | p         |   | p         |   |
| q         |                 | q         |       | q         |   | q         |   |
| r         |                 | r         |       | r         |   | r         |   |
| s         |                 | s         |       | s         |   | s         |   |
| t         |                 | t         |       | t         |   | t         |   |
| u         |                 | u         |       | u         |   | u         |   |
| v         |                 | v         |       | v         |   | v         |   |
| w         |                 | w         |       | w         |   | w         |   |
| x         |                 | x         |       | x         |   | x         |   |
| y         |                 | y         |       | y         |   | y         |   |
| z         |                 | z         |       | z         |   | z         |   |

gez. 02 03 89 Martin  
 gepr. Heinrich  
 Benennung  
 RUPLAN  
 Schalterwerk nach DIN 34 beachten

1 2 3 4 6 7 8 9 10 11 12 13 14 15



Erstellt  
von  
durch  
von  
am

|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|------------------------------------------------|--|--|--|--|--|--|--|--|--|------------------------------------|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  | TRAUB Aktiengesellschaft<br>D-7313 Reichenbach |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  | Sachnummer                                     |  |  |  |  |  |  |  |  |  | 638011                             |  |  |  |  |  |  |  |  |  | Blatt 5 |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| gez. 02 03 89 Martin                                                                |  |  |  |  |  |  |  |  |  | RUPLAN                                         |  |  |  |  |  |  |  |  |  | Schutzvermerk nach DIN 34 beachten |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
| gepr. Heinrich                                                                      |  |  |  |  |  |  |  |  |  | Benennung                                      |  |  |  |  |  |  |  |  |  | SIFPI Relaiskarte                  |  |  |  |  |  |  |  |  |  | Blatt 7 |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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|                                                                                     |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |                                    |  |  |  |  |  |  |  |  |  |         |  |  |  |  |  |  |  |  |  |
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gez. 02.03.89 Martin  
gepr. Heinrich  
Benennung

ST 11 AEA 15802  
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Tag/Name

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خدمات فنی مهندسی

نظری

0912-5159577

-X2 18

-X2 33

-X2 45

-X2 46

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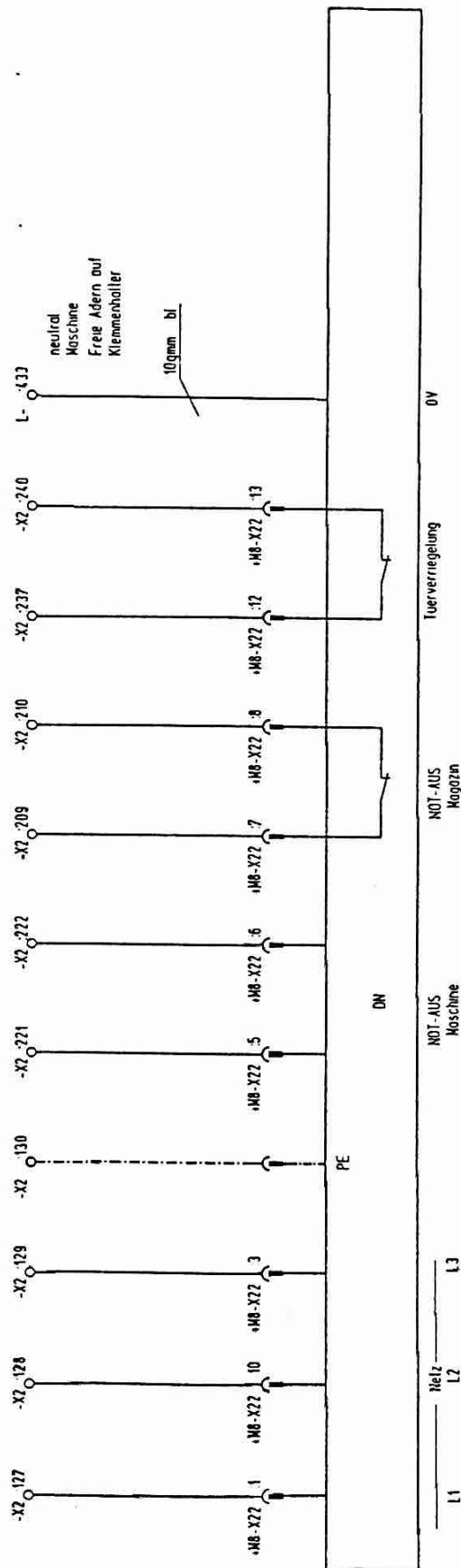
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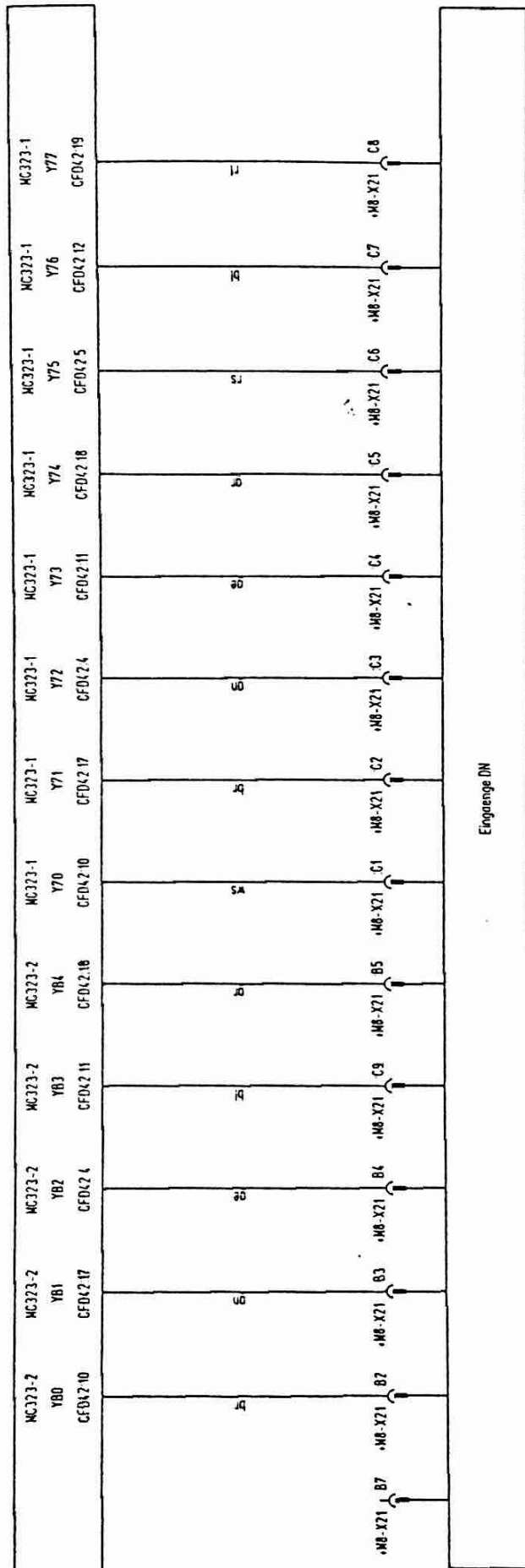
15

|                                                                                            |  |                                                                              |  |                                                                  |  |
|--------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|
| <div> <div>TRAUB</div> <div>TRAUB Aktiengesellschaft<br/>D-7313 Reichenbach</div> </div>   |  | <div> <div>Sachnummer</div> <div>638011</div> </div>                         |  | <div> <div>Blatt 7</div> <div>Blatt 7</div> </div>               |  |
| <div> <div>gcz 02.03.89 Martin</div> <div>gepr. Heinrich</div> <div>Benennung</div> </div> |  | <div> <div>RUPLAN</div> <div>Schaltvermerk nach DIN 31 beachten</div> </div> |  | <div> <div>Sifpi Relaiskarte</div> </div>                        |  |
| <div> <div>Tag/Nomo</div> <div>Tag/Nomo</div> </div>                                       |  | <div> <div>Tag/Nomo</div> <div>Tag/Nomo</div> </div>                         |  | <div> <div>Tag/Nomo</div> <div>Tag/Nomo</div> </div>             |  |
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|               |  |  |  |  |  |  |                     |                                   |                                                                                     |                                                 |  |
|---------------|--|--|--|--|--|--|---------------------|-----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|--|
| Anpassung -DN |  |  |  |  |  |  |                     |                                   |                                                                                     | +M8                                             |  |
| 1             |  |  |  |  |  |  | geZ 20.10.89 Morlin | RUPLAN CAD-Original!              |  | TRAUB Arbeitsgesellschaft<br>D-7313 Reichenbach |  |
| 2             |  |  |  |  |  |  | gepr. Roehm         | Schulvermerk nach DIN 31 beachten |                                                                                     |                                                 |  |
| 3             |  |  |  |  |  |  | Benennung           | TND300/400                        |                                                                                     |                                                 |  |
| 4             |  |  |  |  |  |  |                     | SIFPI Anp DN TX8F                 |                                                                                     |                                                 |  |
| 5             |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     | Sachnummer<br><br>638016                        |  |
| 6             |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 7             |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 8             |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 9             |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     | Blatt 1                                         |  |
| 10            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 11            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 12            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 13            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     | Blatt 5                                         |  |
| 14            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 15            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 16            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 17            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 18            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 19            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 20            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 21            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 22            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 23            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 24            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 25            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 26            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 27            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 28            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 29            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 30            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 31            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 32            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 33            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 34            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 35            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 36            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 37            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 38            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 39            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 40            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 41            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 42            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 43            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 44            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 45            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 46            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 47            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 48            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 49            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 50            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 51            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 52            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 53            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 54            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 55            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 56            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 57            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 58            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 59            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 60            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 61            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 62            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 63            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 64            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 65            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 66            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 67            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 68            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 69            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 70            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 71            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 72            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 73            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 74            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 75            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 76            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 77            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 78            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 79            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 80            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 81            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 82            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 83            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 84            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 85            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 86            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 87            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 88            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 89            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 90            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 91            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 92            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 93            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 94            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 95            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 96            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 97            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 98            |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 99            |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 100           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 101           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 102           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 103           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 104           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 105           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 106           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 107           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 108           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 109           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 110           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 111           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 112           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 113           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 114           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 115           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 116           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 117           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 118           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 119           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 120           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 121           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 122           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 123           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 124           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 125           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 126           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 127           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 128           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 129           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 130           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 131           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 132           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 133           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 134           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 135           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 136           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 137           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 138           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 139           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 140           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 141           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 142           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 143           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 144           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 145           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 146           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 147           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 148           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 149           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 150           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 151           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 152           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 153           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 154           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 155           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 156           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 157           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 158           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 159           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 160           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 161           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 162           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 163           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 164           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 165           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 166           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 167           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 168           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 169           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 170           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 171           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 172           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 173           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 174           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 175           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 176           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 177           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 178           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 179           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 180           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 181           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 182           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 183           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 184           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 185           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 186           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 187           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 188           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 189           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 190           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 191           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 192           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 193           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 194           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 195           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 196           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 197           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 198           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |
| 199           |  |  |  |  |  |  | Aenderung           |                                   |                                                                                     |                                                 |  |
| 200           |  |  |  |  |  |  | Tag/Name            |                                   |                                                                                     |                                                 |  |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



FMS Fehlermeldung Maschine Betriebsbereit Freigabe schieben Spindel stellt Selbstspind DN Füllter entspannt

Eingangs DN

Daten B-Terl function F G H

Anpassung -DN

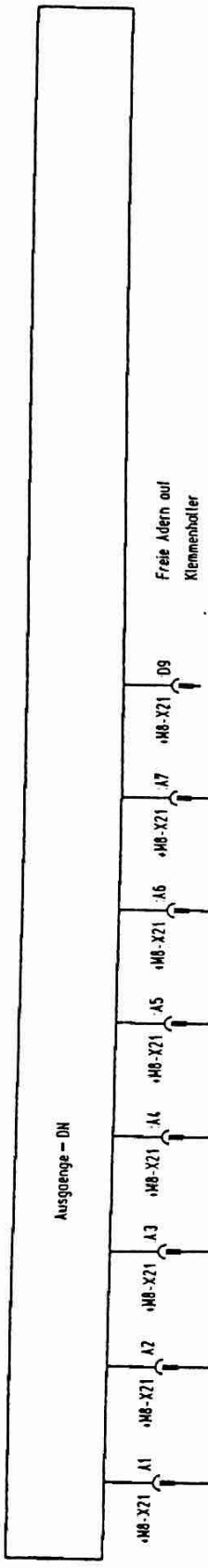
+M8

|                                                        |  |                                             |  |
|--------------------------------------------------------|--|---------------------------------------------|--|
|                                                        |  | TRAUB Arbeitsleistung<br>0 7313 Reichenbach |  |
| Sachnummer<br><b>638016</b>                            |  | Blatt 2<br>Blatt 5                          |  |
| RUPLAN CAD-Original<br>Schutzmerk nach DIN 31 beachten |  | TND300/400<br>SIFPI Anp DN TX8F             |  |
| Gez. 20 10 89 Martin<br>Gepr. Roehm<br>Benennung       |  | Ing/Numm<br>Änderung                        |  |
| 20 10 89<br>51 11 AFA 10739<br>Änderung                |  | Ing/Numm<br>Änderung                        |  |





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| CM013 36 | CM013 36 | CM013 37 | CM013 35 | CM013 23 | CM013 38 |
| X80      | X81      | X82      | X83      | X84      | X85      |
| MC323-2  | MC323-2  | MC323-2  | MC323-2  | MC323-2  | MC323-2  |

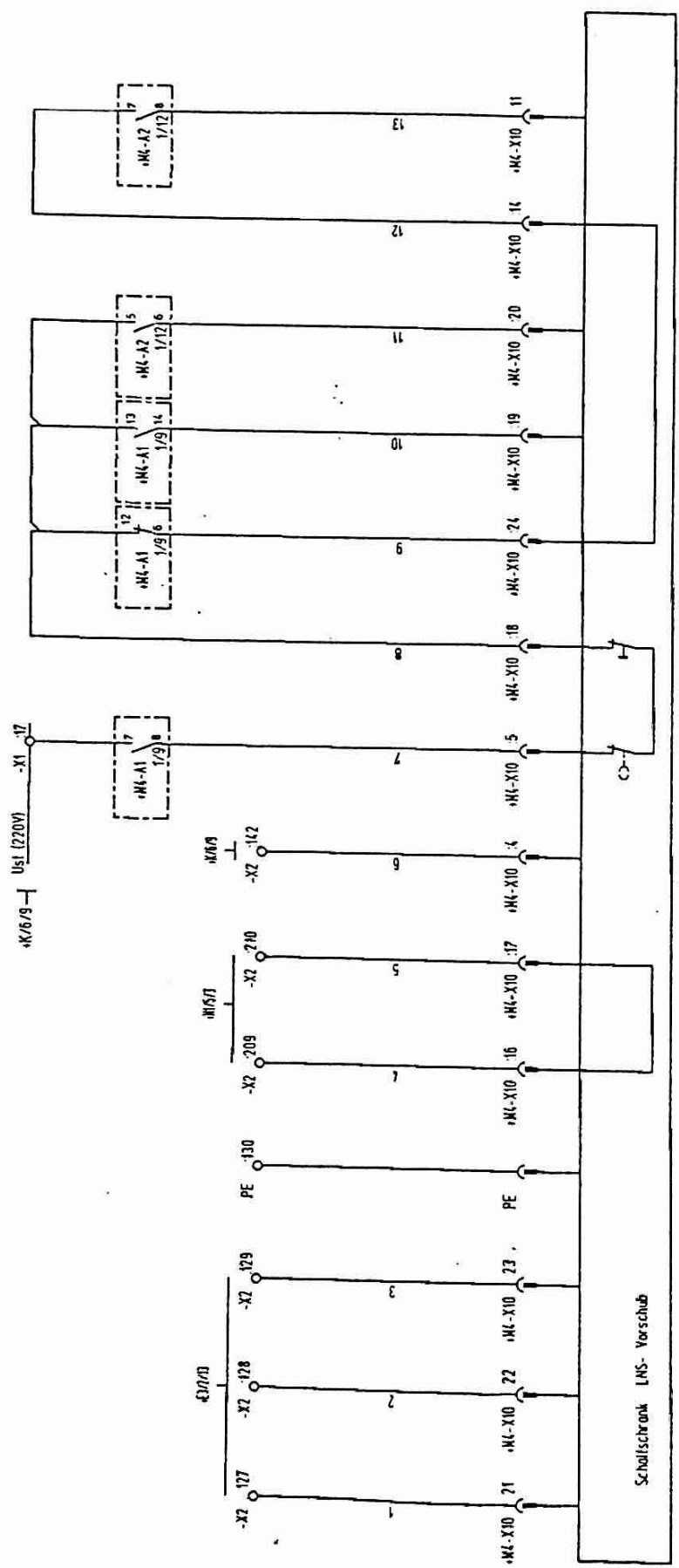
Stangenende  
Einlegesperre  
bedingte  
Betriebsbereit  
Profilmaterial  
Spindel  
Dütlung  
Schulzhauben-  
Absicherung

|                      |  |                                   |  |                             |  |
|----------------------|--|-----------------------------------|--|-----------------------------|--|
| Anpassung-DN         |  |                                   |  | +M8                         |  |
| gez. 20 10 89 Martin |  | RUPLAN/CAD-Original               |  | TRAUB                       |  |
| gepr. Roehm          |  | Schulzhauben nach DIN 31 beschien |  | TRAUB Leistungsgesellschaft |  |
| Benennung            |  | TND300/400                        |  | D-7313 Reichenbach          |  |
| Sifpi Anp DN TX8F    |  | Sachnummer                        |  | 638016                      |  |
| Blatt 5              |  | Blatt 5                           |  | Blatt 5                     |  |

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



Empassung 380V/50Hz  
Tuerkontrolle bzw. Stecker - Ueberwachung  
OV Usl  
Drehmomt Ein  
Einrichtelief  
zurueck  
Vorschub  
vor  
Festgabe Schieben

Erstellt durch  
Vom  
L-0012

|                                                                                                                                                                                                                                                                                                                                                                                    |   |                                 |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------|---|---------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------|----|------------------------|----|---------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|--|----------|--|-----------|--|-----------|--|----------|--|----------|--|-----------|--|-----------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|------------------|--|--------------------|--|---------|--|
| LNS- Vorschub                                                                                                                                                                                                                                                                                                                                                                      |   | +M4                             |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |   | 1                               | 2 | 3                               | 4 | 5                                                                                                                                                                       | 6 | 7          | 8  | 9                      | 10 | 11      | 12 | 13                                                                                                                                                                                                                                                                                                                          | 14 | 15       |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  | <table border="1"> <tr> <td colspan="2">TRAUB</td> <td colspan="2">TRAUB Anlagenbau</td> </tr> <tr> <td colspan="2">D-7313 Reichenbach</td> <td colspan="2">Blatt 2</td> </tr> </table> |  | TRAUB |  | TRAUB Anlagenbau |  | D-7313 Reichenbach |  | Blatt 2 |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                  | 2 | 3                               | 4 | 5                               | 6 | 7                                                                                                                                                                       | 8 | 9          | 10 | 11                     | 12 | 13      | 14 | 15                                                                                                                                                                                                                                                                                                                          |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
|                                                                                                                                                                                                                                                                                                                                                                                    |   |                                 |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| TRAUB                                                                                                                                                                                                                                                                                                                                                                              |   | TRAUB Anlagenbau                |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| D-7313 Reichenbach                                                                                                                                                                                                                                                                                                                                                                 |   | Blatt 2                         |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| <table border="1"> <tr> <td colspan="2">RUPLAN CAD-Original</td> <td colspan="2">Schaltplan nach DIN 31 beachten</td> </tr> </table>                                                                                                                                                                                                                                               |   | RUPLAN CAD-Original             |   | Schaltplan nach DIN 31 beachten |   | <table border="1"> <tr> <td colspan="2">Sachnummer</td> <td colspan="2">638018</td> </tr> <tr> <td colspan="2">Blatt 2</td> <td colspan="2">Blatt 2</td> </tr> </table> |   | Sachnummer |    | 638018                 |    | Blatt 2 |    | Blatt 2                                                                                                                                                                                                                                                                                                                     |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| RUPLAN CAD-Original                                                                                                                                                                                                                                                                                                                                                                |   | Schaltplan nach DIN 31 beachten |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Sachnummer                                                                                                                                                                                                                                                                                                                                                                         |   | 638018                          |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Blatt 2                                                                                                                                                                                                                                                                                                                                                                            |   | Blatt 2                         |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| <table border="1"> <tr> <td colspan="2">982. 2102 89 Scharer</td> <td colspan="2">gepr. Roehm</td> </tr> <tr> <td colspan="2">Benennung</td> <td colspan="2">TND300/400</td> </tr> <tr> <td colspan="2">SIFPI Anp LNS VDE TX8F</td> <td colspan="2"></td> </tr> </table>                                                                                                           |   | 982. 2102 89 Scharer            |   | gepr. Roehm                     |   | Benennung                                                                                                                                                               |   | TND300/400 |    | SIFPI Anp LNS VDE TX8F |    |         |    | <table border="1"> <tr> <td colspan="2">Tag/Name</td> <td colspan="2">Tag/Name</td> </tr> <tr> <td colspan="2">Aenderung</td> <td colspan="2">Aenderung</td> </tr> <tr> <td colspan="2">Tag/Name</td> <td colspan="2">Tag/Name</td> </tr> <tr> <td colspan="2">Aenderung</td> <td colspan="2">Aenderung</td> </tr> </table> |    | Tag/Name |  | Tag/Name |  | Aenderung |  | Aenderung |  | Tag/Name |  | Tag/Name |  | Aenderung |  | Aenderung |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| 982. 2102 89 Scharer                                                                                                                                                                                                                                                                                                                                                               |   | gepr. Roehm                     |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Benennung                                                                                                                                                                                                                                                                                                                                                                          |   | TND300/400                      |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| SIFPI Anp LNS VDE TX8F                                                                                                                                                                                                                                                                                                                                                             |   |                                 |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Tag/Name                                                                                                                                                                                                                                                                                                                                                                           |   | Tag/Name                        |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Aenderung                                                                                                                                                                                                                                                                                                                                                                          |   | Aenderung                       |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Tag/Name                                                                                                                                                                                                                                                                                                                                                                           |   | Tag/Name                        |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |
| Aenderung                                                                                                                                                                                                                                                                                                                                                                          |   | Aenderung                       |   |                                 |   |                                                                                                                                                                         |   |            |    |                        |    |         |    |                                                                                                                                                                                                                                                                                                                             |    |          |  |          |  |           |  |           |  |          |  |          |  |           |  |           |  |                                                                                                                                                                                         |  |       |  |                  |  |                    |  |         |  |

خدمات فنی مهندسی

نظری

نقشه برق

**TRAUB TND300**

**TX8-F**