



## BATAU CENTRUM NIEUWEGEIN

### OPDRACHTGEVER SCHAKELKAST:

**GEMEENTE NIEUWEGEIN**

POSTBUS 1

3430 AA NIEUWEGEIN

### PROJECTGEGEVENS:

PROJECTLEIDER: R.HEKMAN

PROJECTNUMMER: 213.02.466

KASTNUMMER : 13020112

**REVISIE 19-12-2013**



PRINSES BEATRIXLAAN 2E  
8091 AM WEZEP

BATAU CENTRUM  
NIEUWEGEIN

VOORBLAD

|          |          |                   |
|----------|----------|-------------------|
| Tek.nr.: | 13020112 |                   |
| Get.:    | RWE      | Datum: 18.04.2013 |
| Wijz.:   | RWE      | Datum: 19.12.2013 |
| Blad:    | 1        | VAN: 49           |

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| Blad | Omschrijving  |   |   |   |   | Opmerkingen |   | Datum      | Engineer |
| 1    | VOORBLAD  |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 2    | PAGINA-OVERZICHT                                      |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 2.1  | PAGINA-OVERZICHT                                      |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 3    | ALGEMEEN  |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 4    | PROCESSHEMA WARMTEOPWEKKING                           |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 4.1  | PROCESSHEMA RAD.GROEPEN                               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 4.2  | PROCESSHEMA RAD.GROEPEN                               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 5    | HOOFDSTROOM TRANSPORTPOMP KETELREGELING               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 6    | HOOFDSTROOM CIRCULATIEPOMP RAD.GROEP 1 & 2            |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 7    | HOOFDSTROOM CIRCULATIEPOMP RAD.GROEP 3 & 4            |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 8    | HOOFDSTROOM CIRCULATIEPOMP RAD.GROEP 5 & 6            |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 9    | HOOFDSTROOM RESERVE                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 10   | HOOFDSTROOM VOEDING KETEL 1 & 2                       |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 11   | HOOFDSTROOM STUURSTROOM VOORZIENING + KASTVERLICHTING |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 12   | STUURSTROOM RESERVE                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 13   | STUURSTROOM KETEL 1 + BRANDSCHAKELAAR                 |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 14   | STUURSTROOM KETEL 2                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 15   | STUURSTROOM RESERVE                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 16   | STUURSTROOM RESERVE                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 17   | STUURSTROOM BRC23 COM                                 |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 18   | STUURSTROOM BRC23 COM ANALOGIE INGANGEN               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 19   | STUURSTROOM BRC23 COM ANALOGIE UITGANGEN              |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 20   | STUURSTROOM BRC23 COM DIGITALE INGANGEN               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 21   | STUURSTROOM BRC23 COM DIGITALE INGANGEN               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 22   | STUURSTROOM BRC23 COM DIGITALE UITGANGEN              |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 23   | STUURSTROOM BRC23 COM DIGITALE UITGANGEN              |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 24   | STUURSTROOM BR SL14                                   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 25   | STUURSTROOM BR SL14 COM ANALOGIE INGANGEN             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 26   | STUURSTROOM BR SL14 COM DIGITALE INGANGEN             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 27   | STUURSTROOM BR SL14 COM ANALOGIE UITGANGEN            |   |   |   |   |             |   | 19.12.2013 | RWE      |

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| Blad | Omschrijving                                 |   |   |   |   | Opmerkingen |   | Datum      | Engineer |
| 28   | STUURSTROOM BR SL14 COM DIGITALE UITGANGEN   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 29   | STUURSTROOM BR SL14                          |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 30   | STUURSTROOM BR SL14 COM ANALOGIE INGANGEN    |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 31   | STUURSTROOM BR SL14 COM DIGITALE INGANGEN    |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 32   | STUURSTROOM BR SL14 COM ANALOGIE UITGANGEN   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 33   | STUURSTROOM BR SL14 COM DIGITALE UITGANGEN   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 34   | STUURSTROOM BR SL14                          |   |   |   |   |             |   | 19.12.2013 | RWE      |
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| 36   | STUURSTROOM BR SL14 COM DIGITALE INGANGEN    |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 37   | STUURSTROOM BR SL14 COM ANALOGIE UITGANGEN   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 38   | STUURSTROOM BR SL14 COM DIGITALE UITGANGEN   |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 39   | STUURSTROOM RESERVE                          |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 40   | STUURSTROOM SMOORKLEPPEN KETEL 2             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 41   | STUURSTROOM STORINGS DOORMELDING/SIGNALERING |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 42   | KLEMMENSTROOK X1                             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 43   | KLEMMENSTROOK X2                             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 44   | KLEMMENSTROOK X3                             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 45   | KLEMMENSTROOK X4                             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 46   | KLEMMENSTROOK X6                             |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 47   | MATERIAALLIJST                               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 48   | MATERIAALLIJST                               |   |   |   |   |             |   | 19.12.2013 | RWE      |
| 49   | KASTINDELING                                 |   |   |   |   |             |   | 19.12.2013 | RWE      |
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| ALGEMEEN:                 |   |                                       |
| TOEGEPASTE DRAADKLEUREN:  |   |                                       |
| HOOFDSTROOM<br>230/400VAC | FASE L1,L2,L3<br>NUL<br>AARDE                                   | ZWART<br>BLAUW<br>GROEN/GEEL          |
| STUURSTROOM 230VAC        | FASE<br>SCHAKELDRAAD<br>NUL<br>AARDE                            | BRUIN<br>ZWART<br>BLAUW<br>GROEN/GEEL |
| STUURSTROOM MAX.50VAC     | FASE<br>SCHAKELDRAAD<br>NUL                                     | ORANJE<br>ORANJE<br>WIT               |
| STUURSTROOM MAX.50VDC     | FASE<br>SCHAKELDRAAD<br>NUL                                     | ROOD<br>ROOD<br>WIT                   |
| REGELAPPARATUUR           | OPNEMERS / SENSOREN /<br>ANALOGIE INGANGEN<br>DIGITALE INGANGEN | GRIJS<br>ROOD                         |
| REGELAPPARATUUR           | CORRIGERENDE ORGANEN<br>ANALOGIE UITGANGEN                      | PAARS                                 |
| EXTERNE SPANNING          | POT.VRIJ CONTACTEN  | TRANSPARANT                           |

|  |  |
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| ALGEMEEN:  |  |
| KLEMMENSTROOK-CODERING   |  |
| X0   | VOEDING 230/400VAC                                   |
| X1   | HOOFDSTROOM 230/400VAC                               |
| X2   | STUURSTROOM 230VAC                                   |
| X3 *   | STUURSTROOM MAX. 50VAC / 50VDC                       |
| X4 *   | OPNEMERS / SENSOREN / ANALOGIE- EN DIGITALE INGANGEN |
| X6   | EXTERNE (VREEMDE) SPANNING                           |
| X7   | COMMUNICATIE   |
| <div>* INDIEN BIJ ACTIEVE OPNEMERS/SENSOREN ETC.<br/>EEN (VOEDINGS)SPANNING NOODZAKELIJK IS,<br/>BEPAALT DE OPNEMER DE KLEMMENSTROOK-CODERING (X4)</div> <div>* INDIEN BIJ CORRIGERENDE ORGANEN<br/>EEN (VOEDINGS)SPANNING NOODZAKELIJK IS,<br/>BEPAALT DE VOEDINGSSPANNING DE KLEMMENSTROOK-CODERING (X3)</div> |  |

MRC

KLIMAATSERVICE

PRINSES BEATRIXLAAN 2E

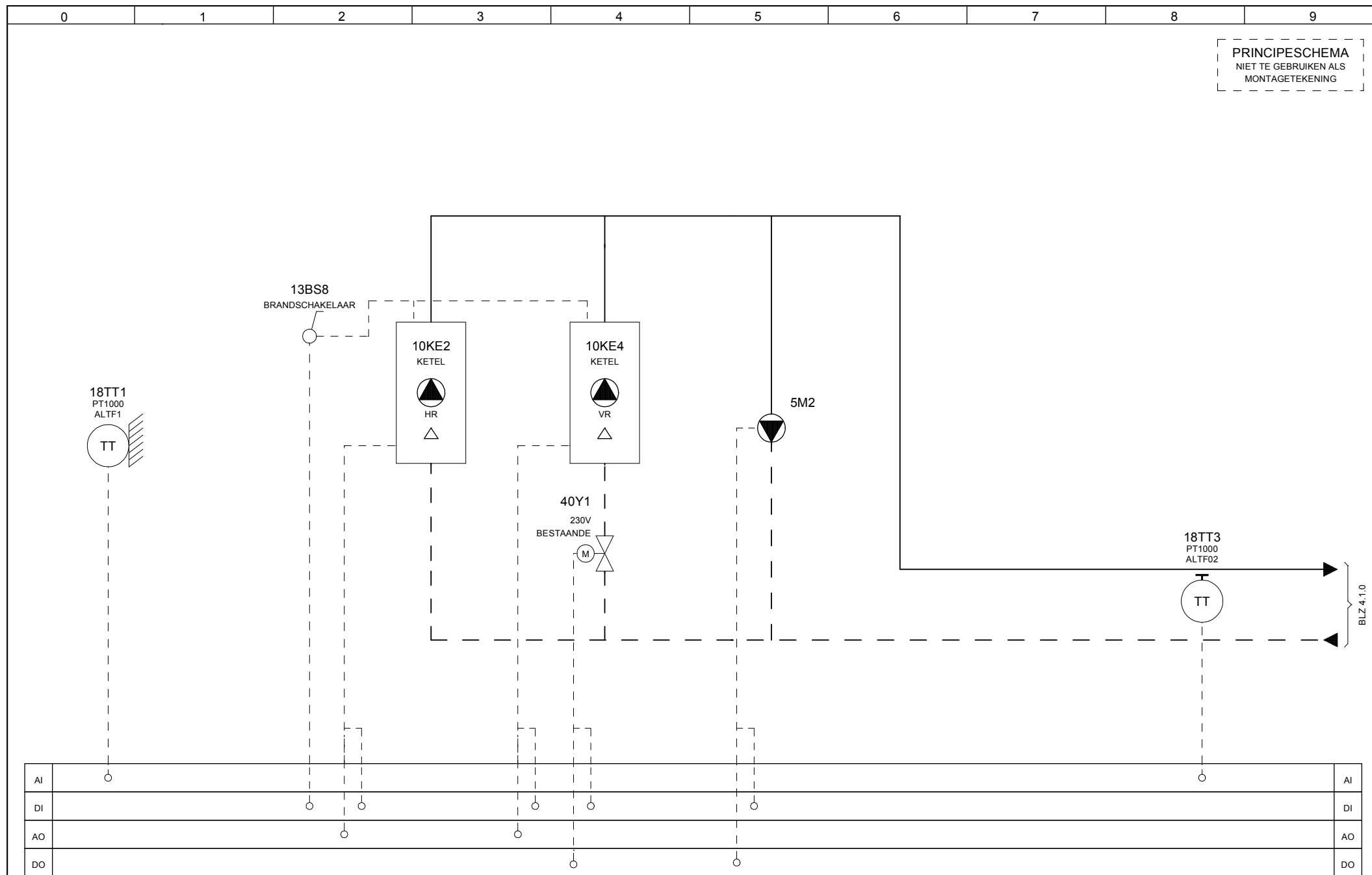
8091 AM WEZEP

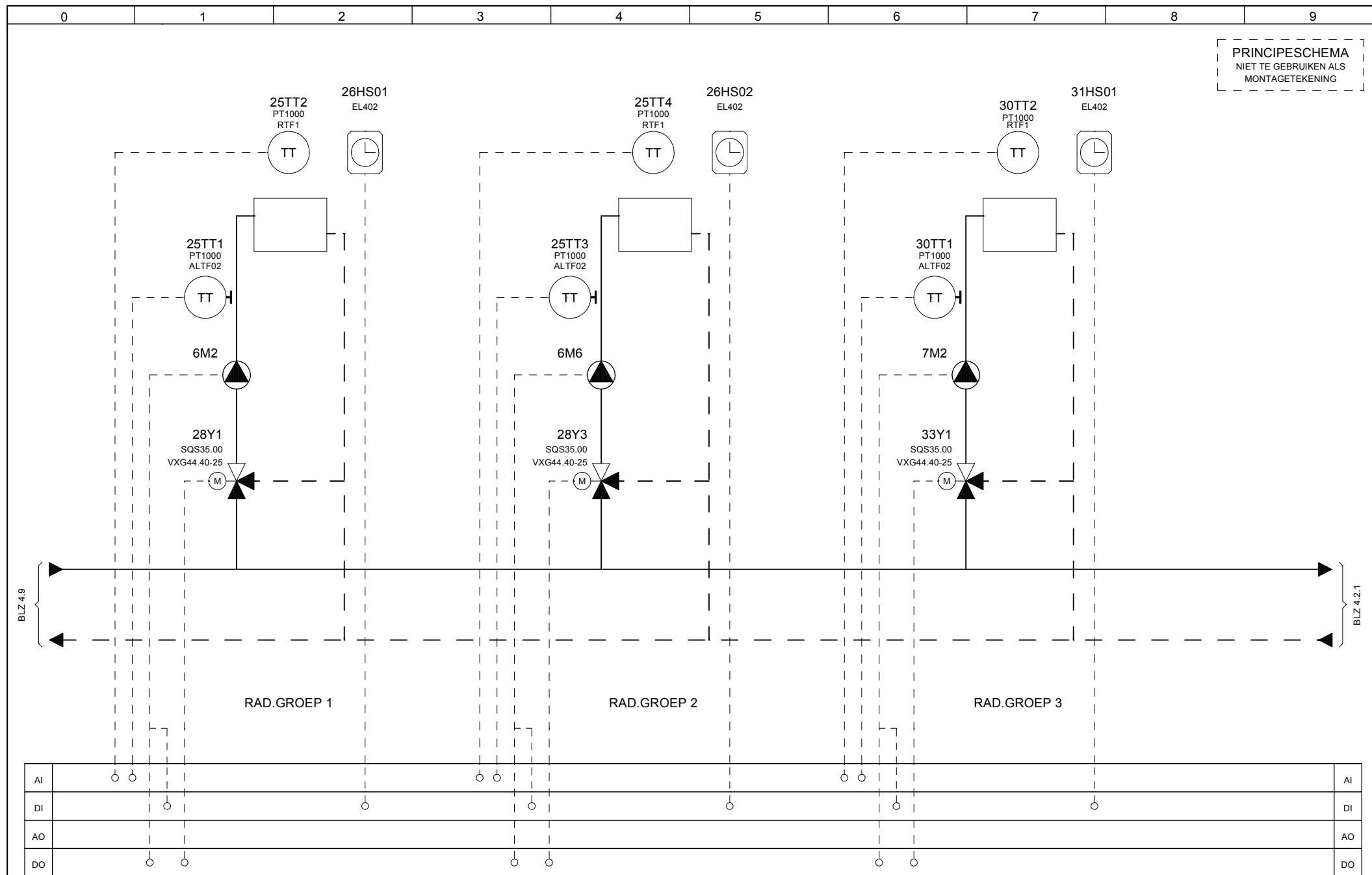
BATAU CENTRUM

NIEUWEGEIN

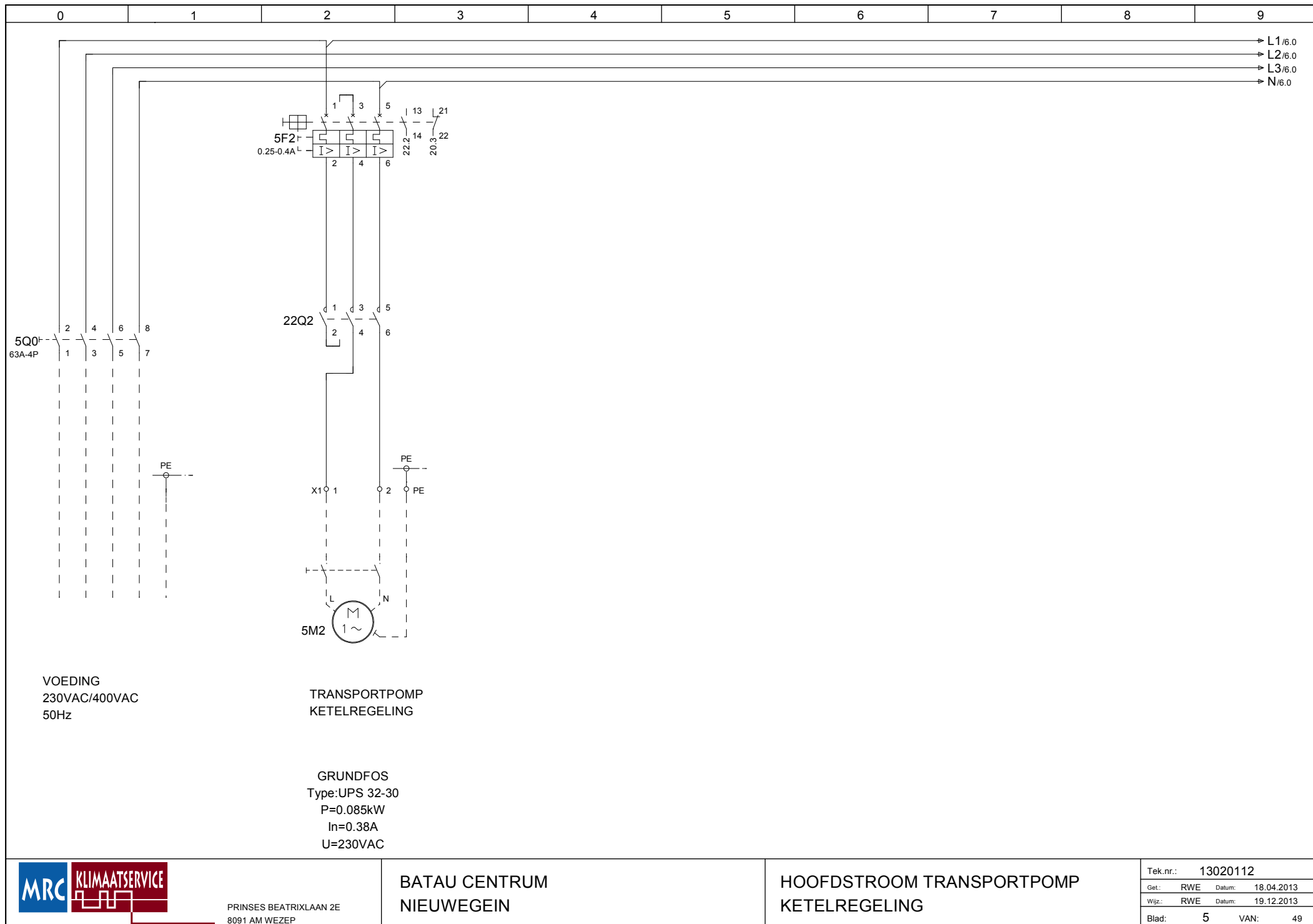
ALGEMEEN

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| Tek.nr.: 13020112 |                       |
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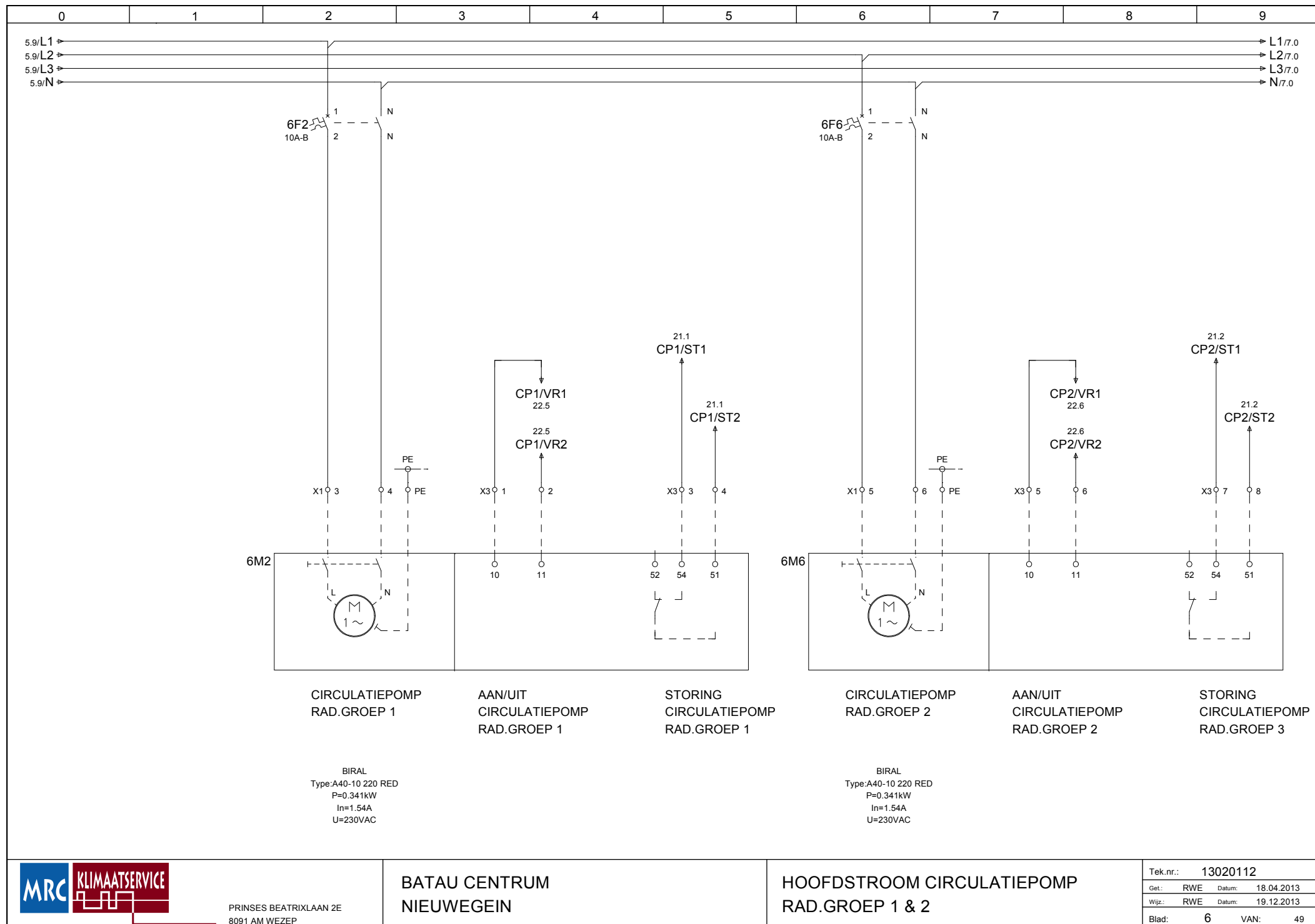


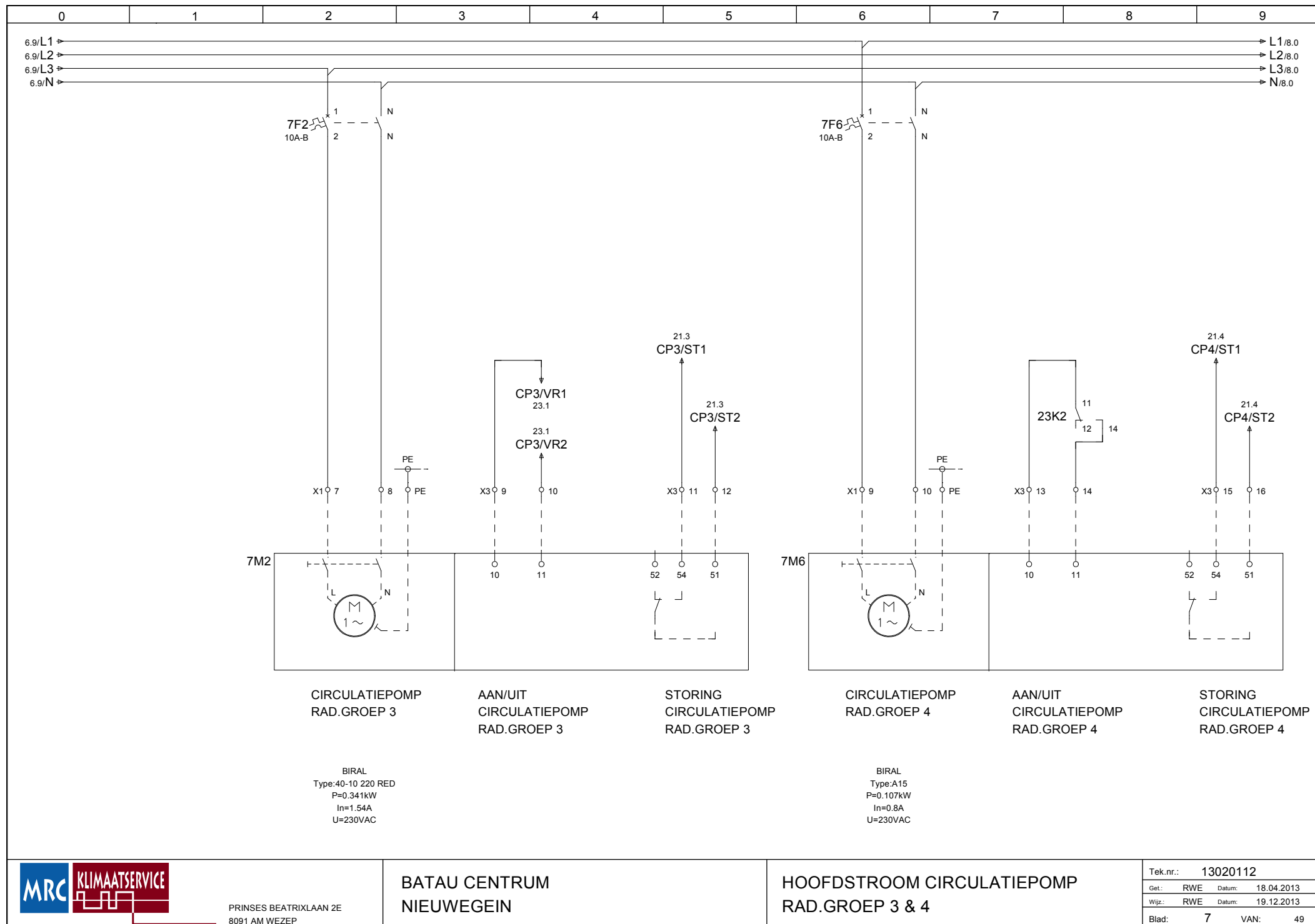


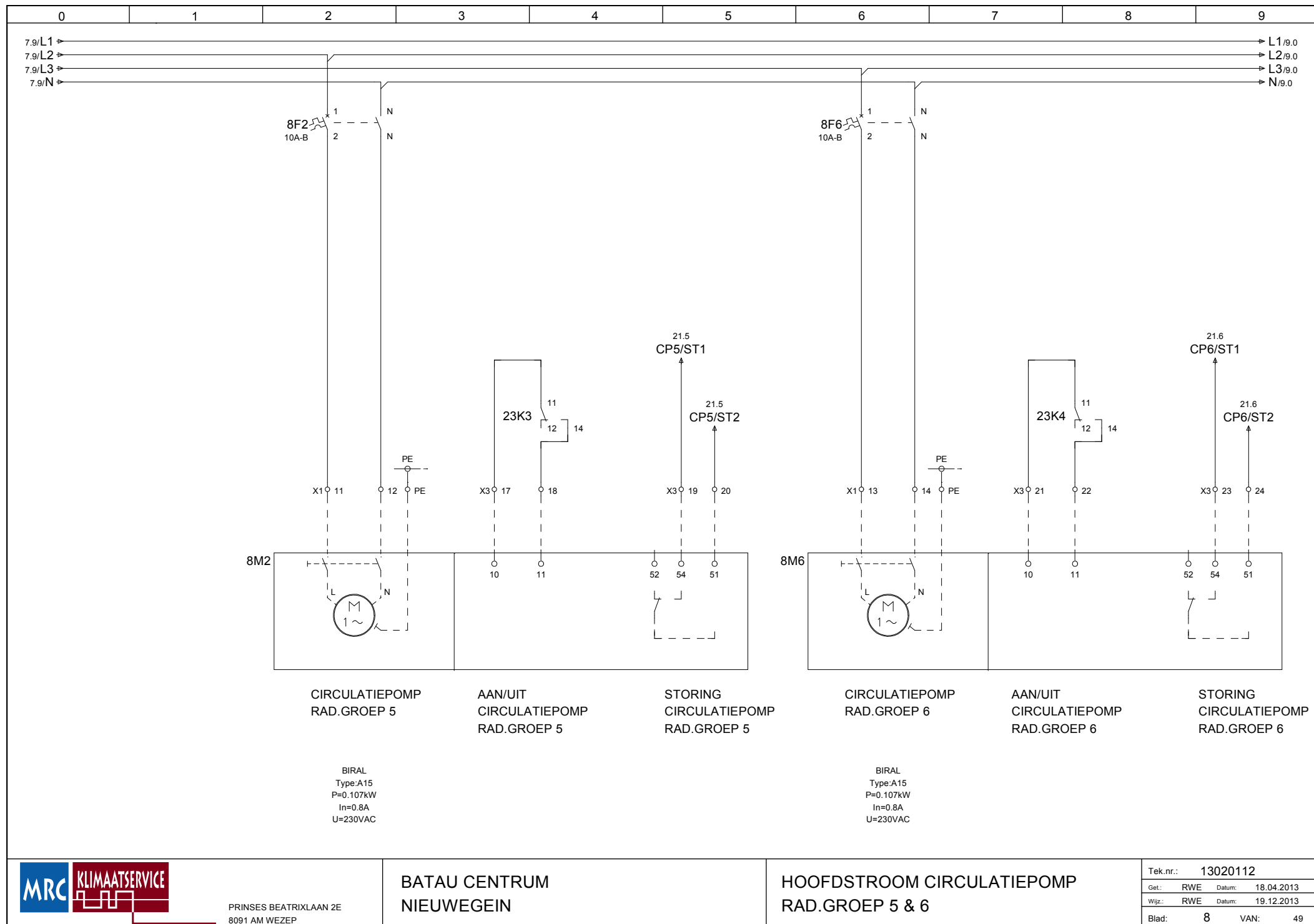




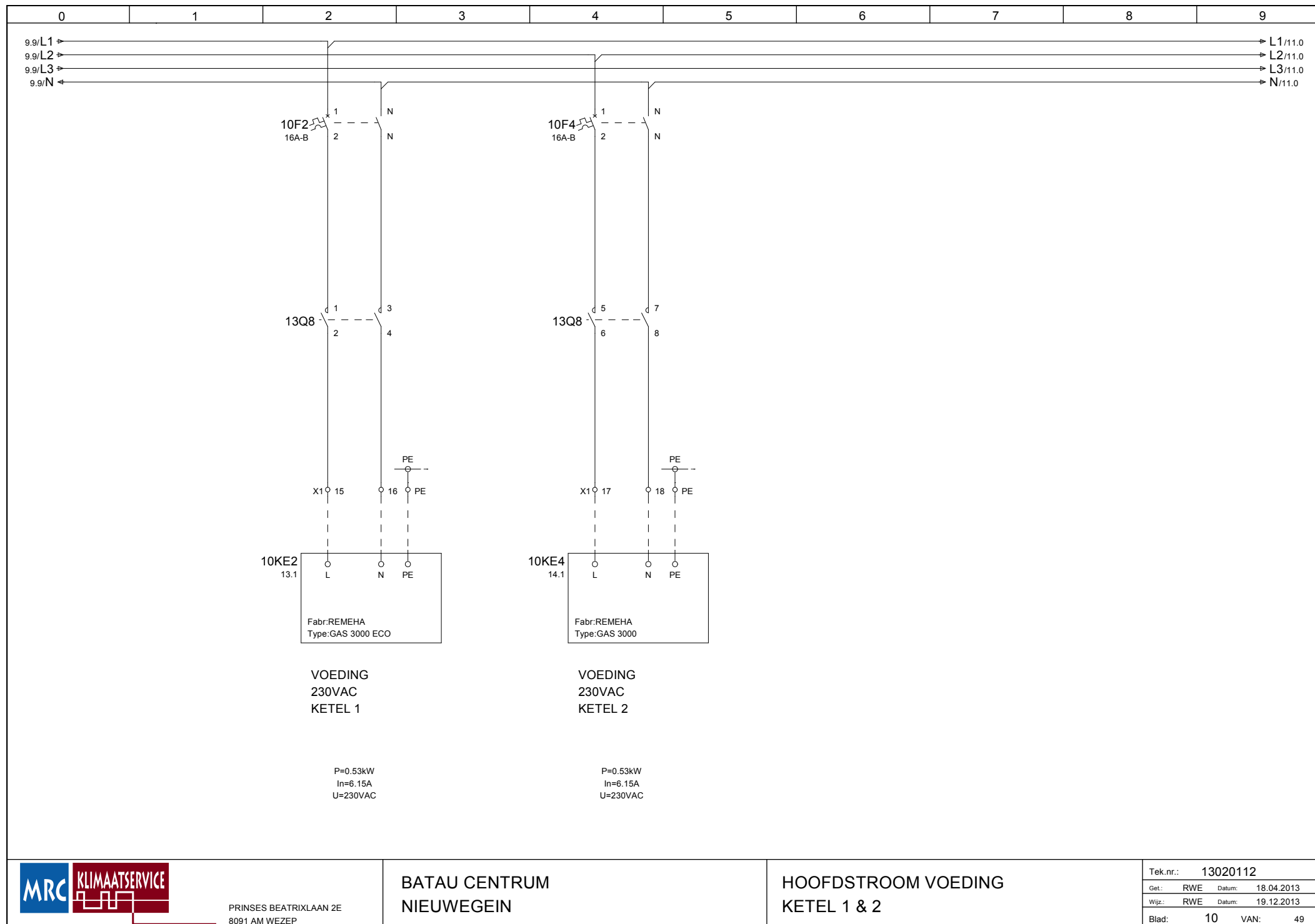


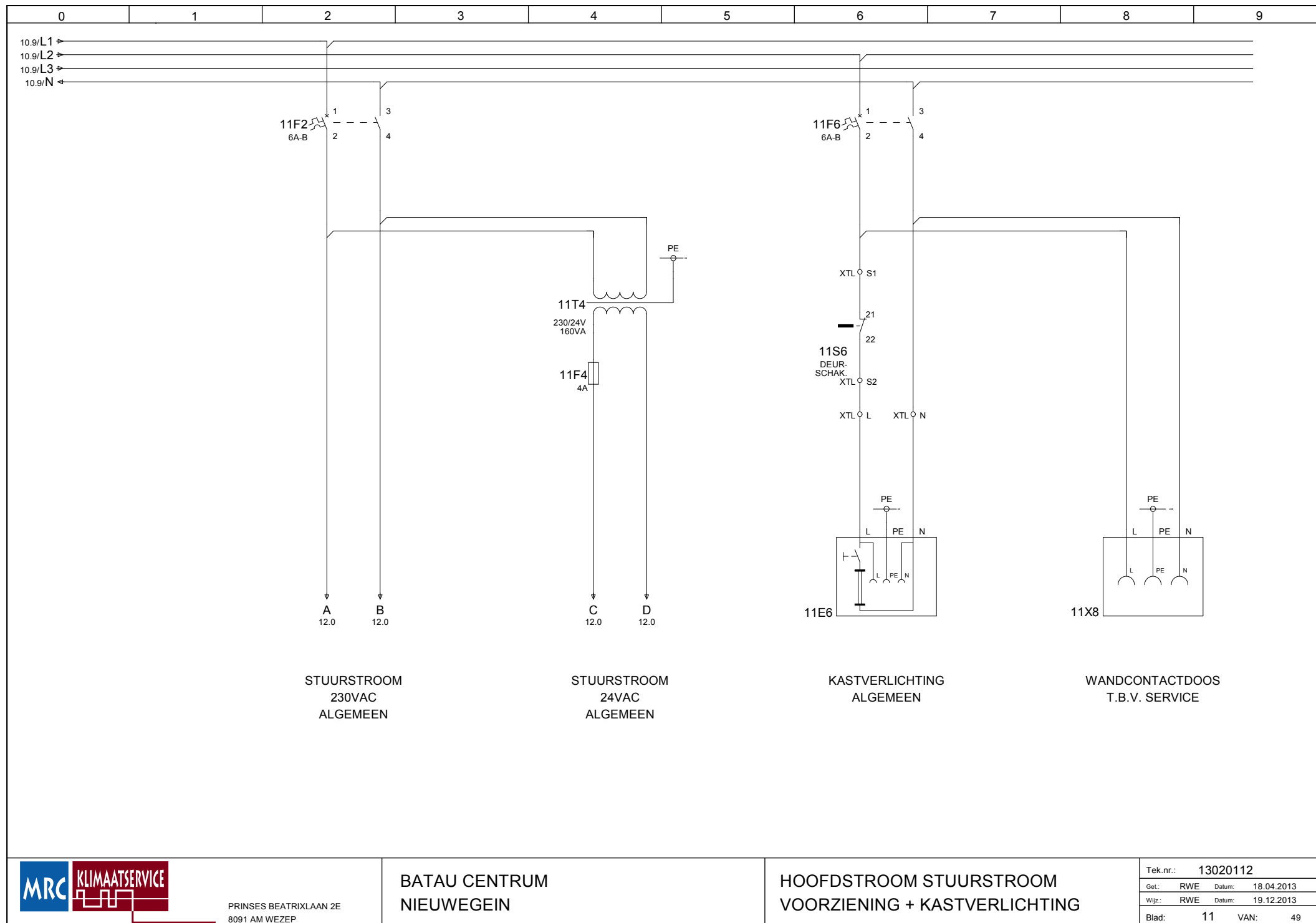




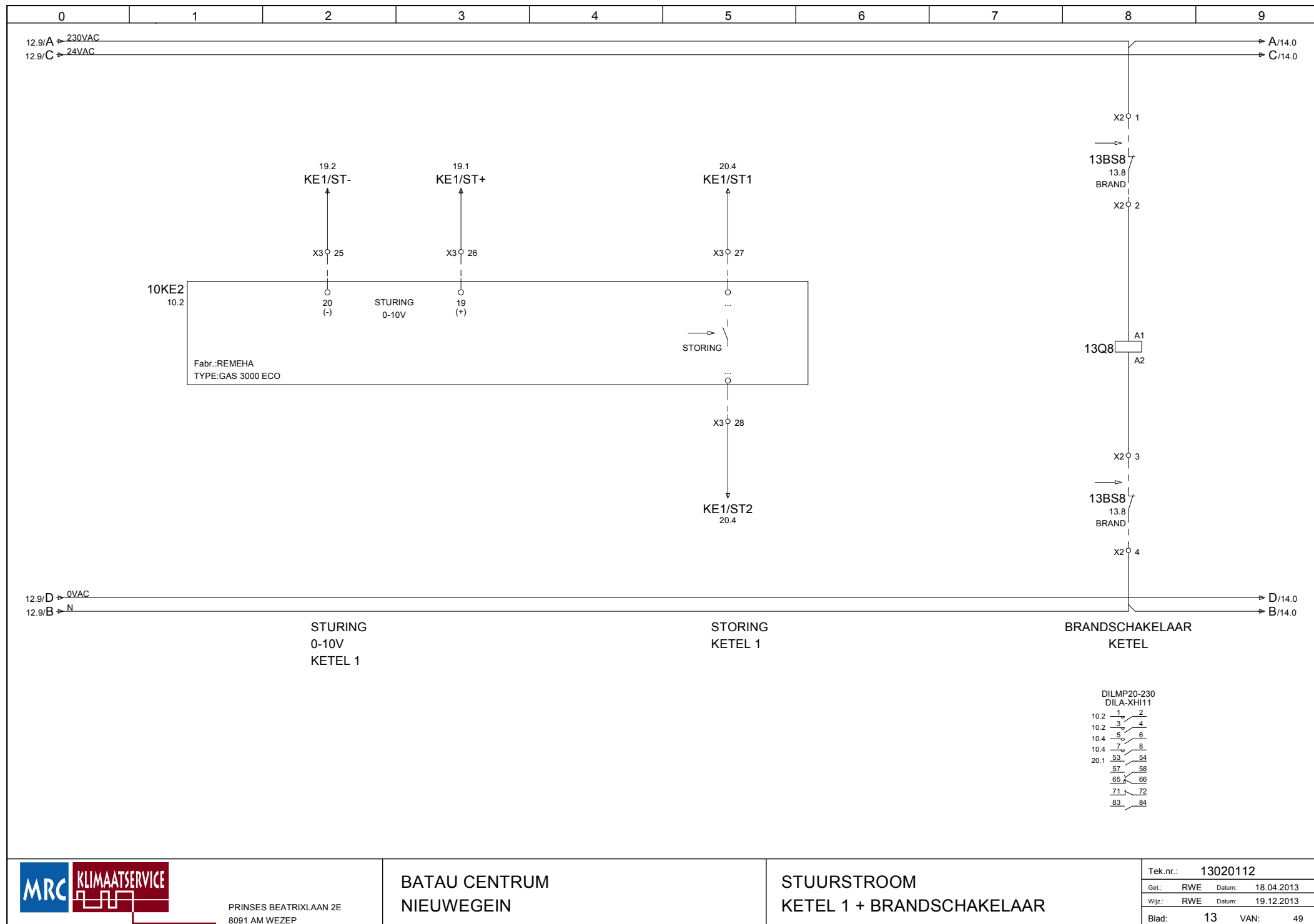




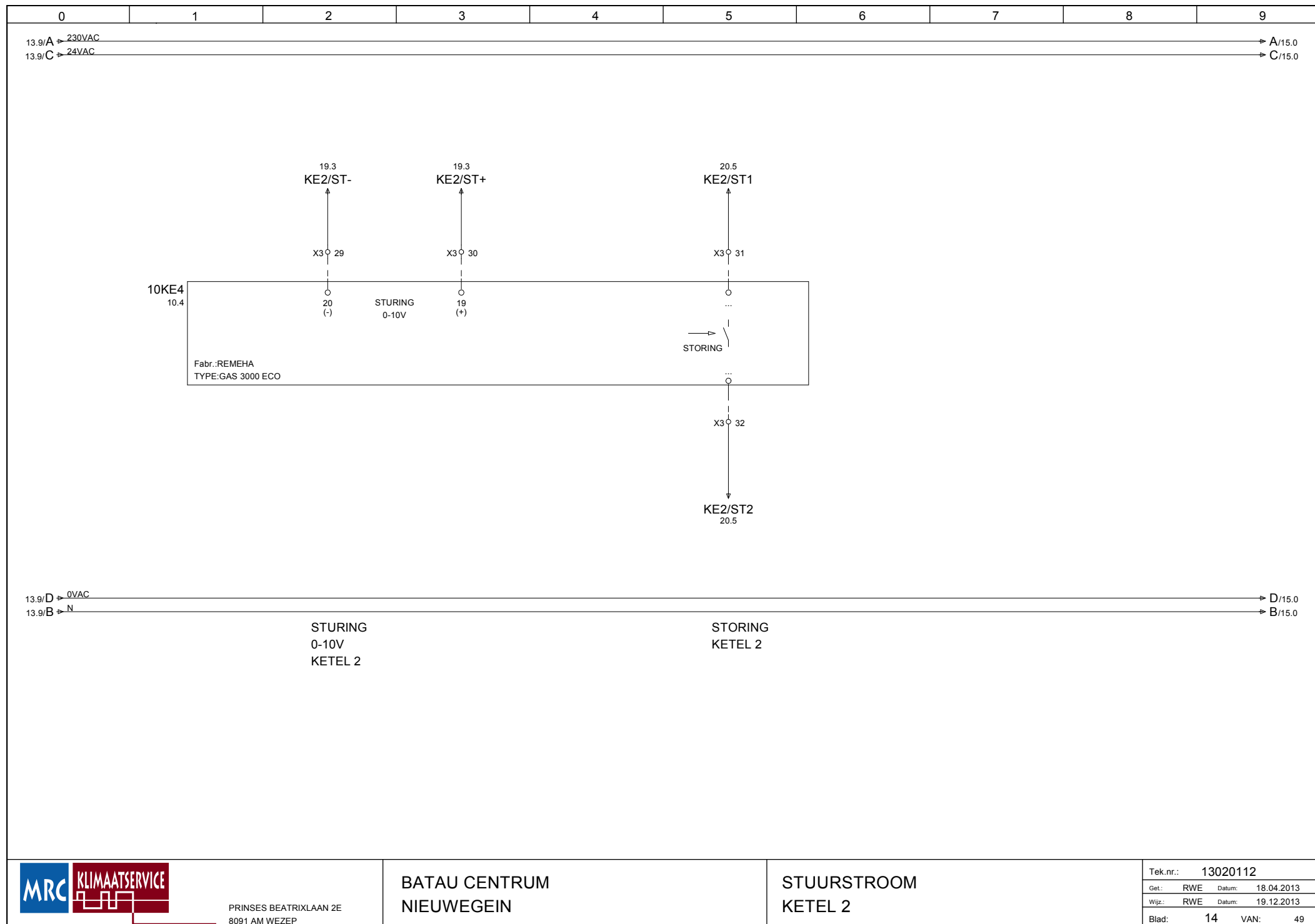


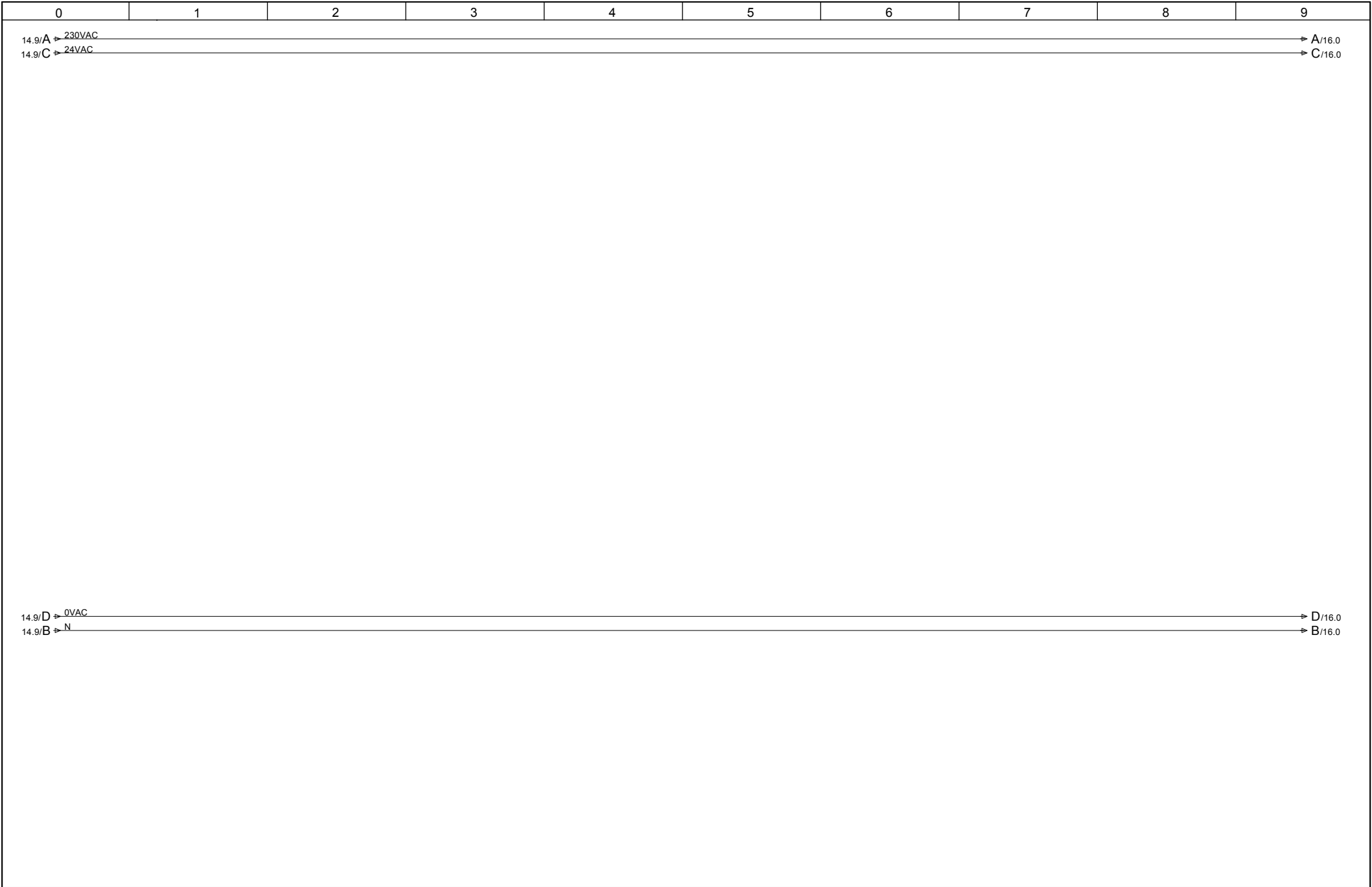












PRINSES BEATRIXLAAN 2E  
8091 AM WEZEP

BATAU CENTRUM  
NIEUWEGEIN

STUURSTROOM  
RESERVE

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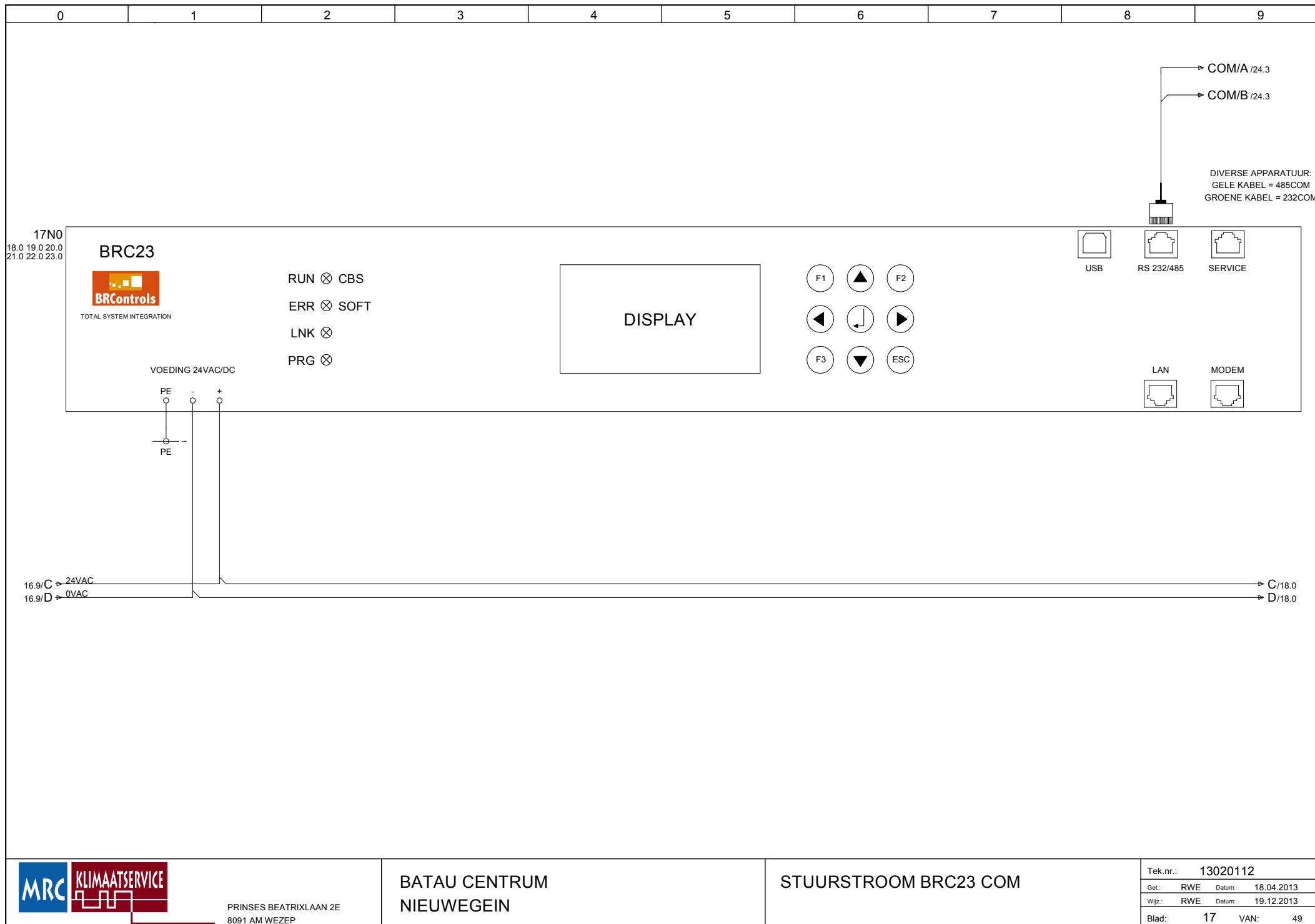


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BATAU CENTRUM  
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STUURSTROOM  
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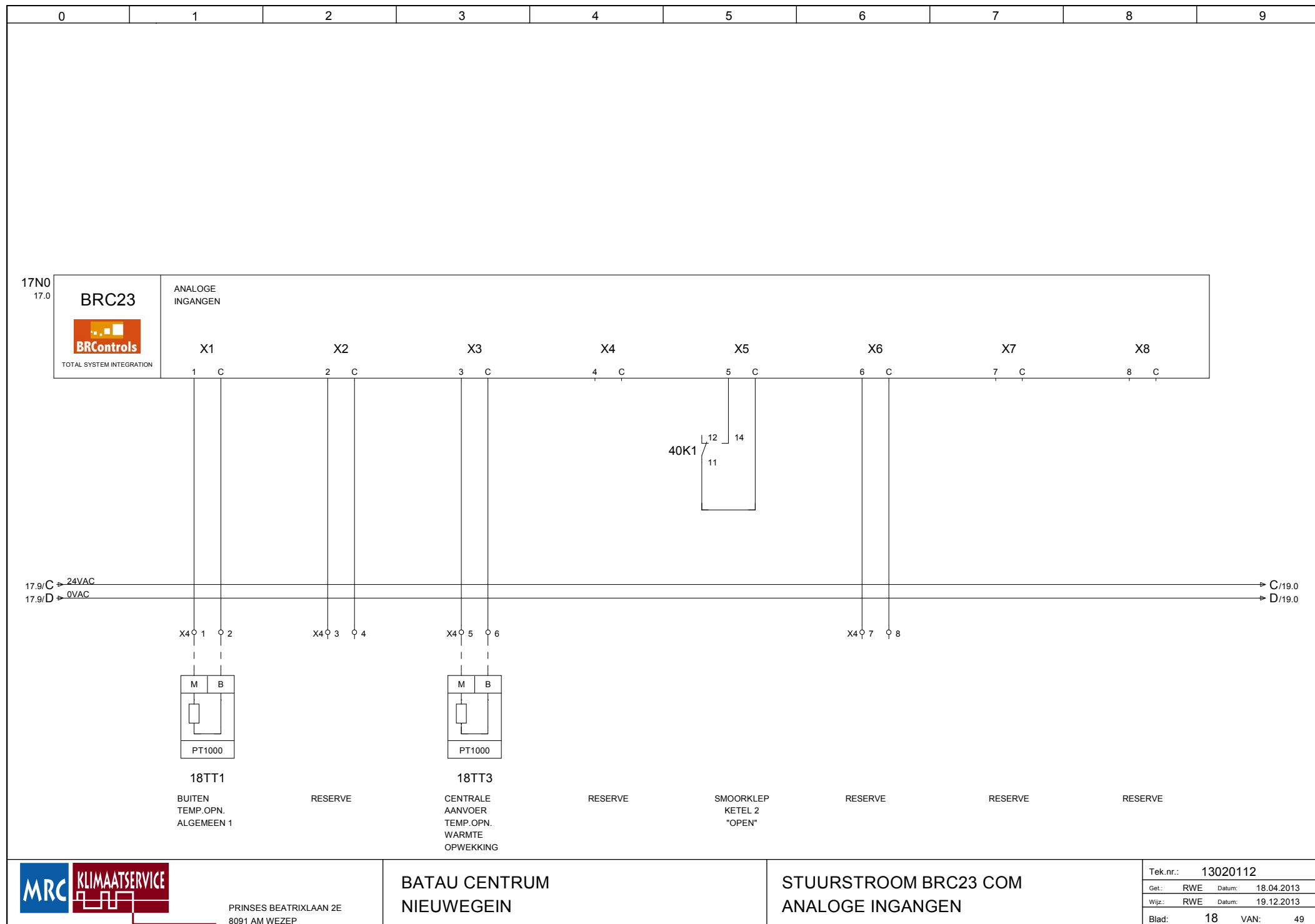
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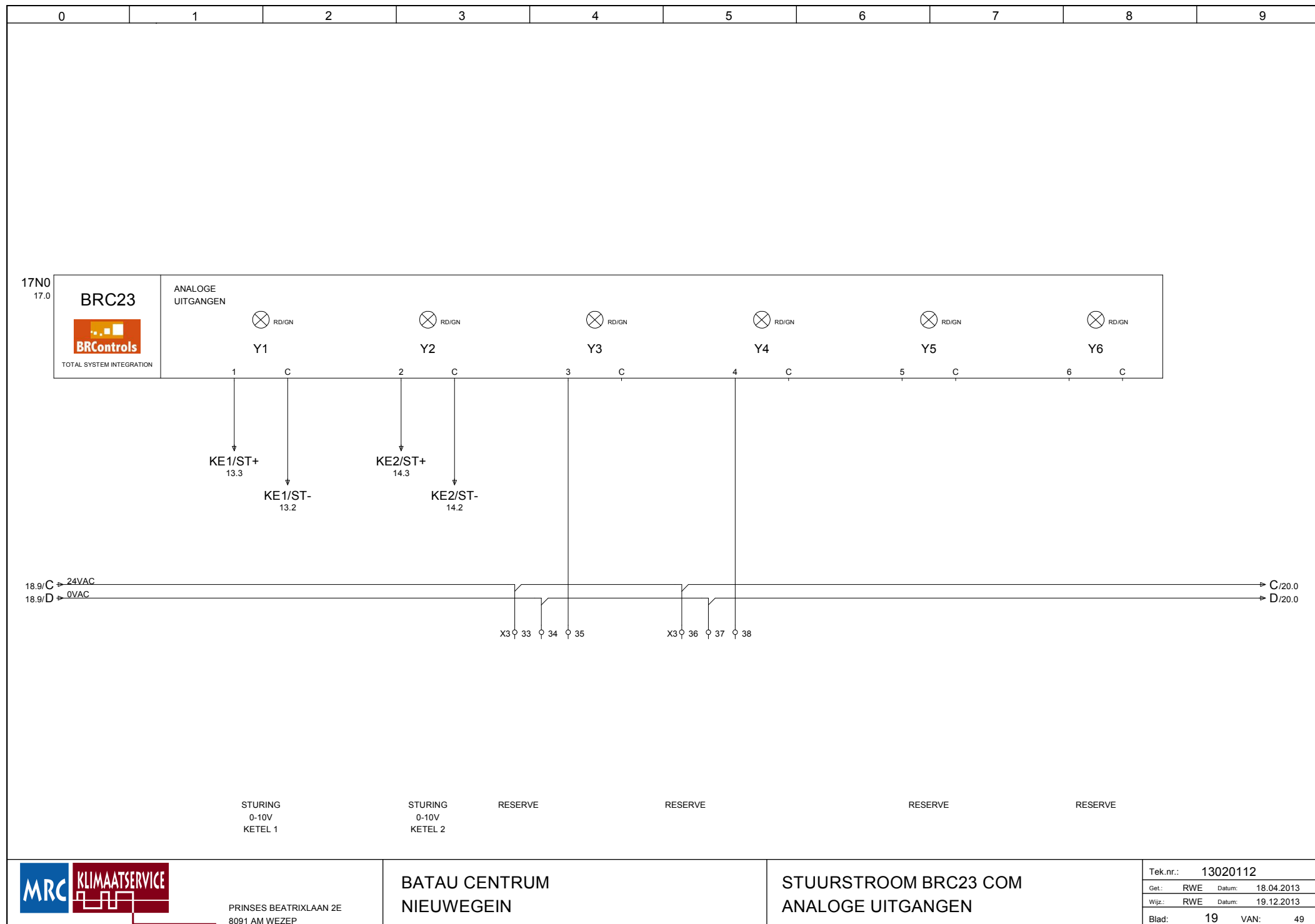
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BATAU CENTRUM  
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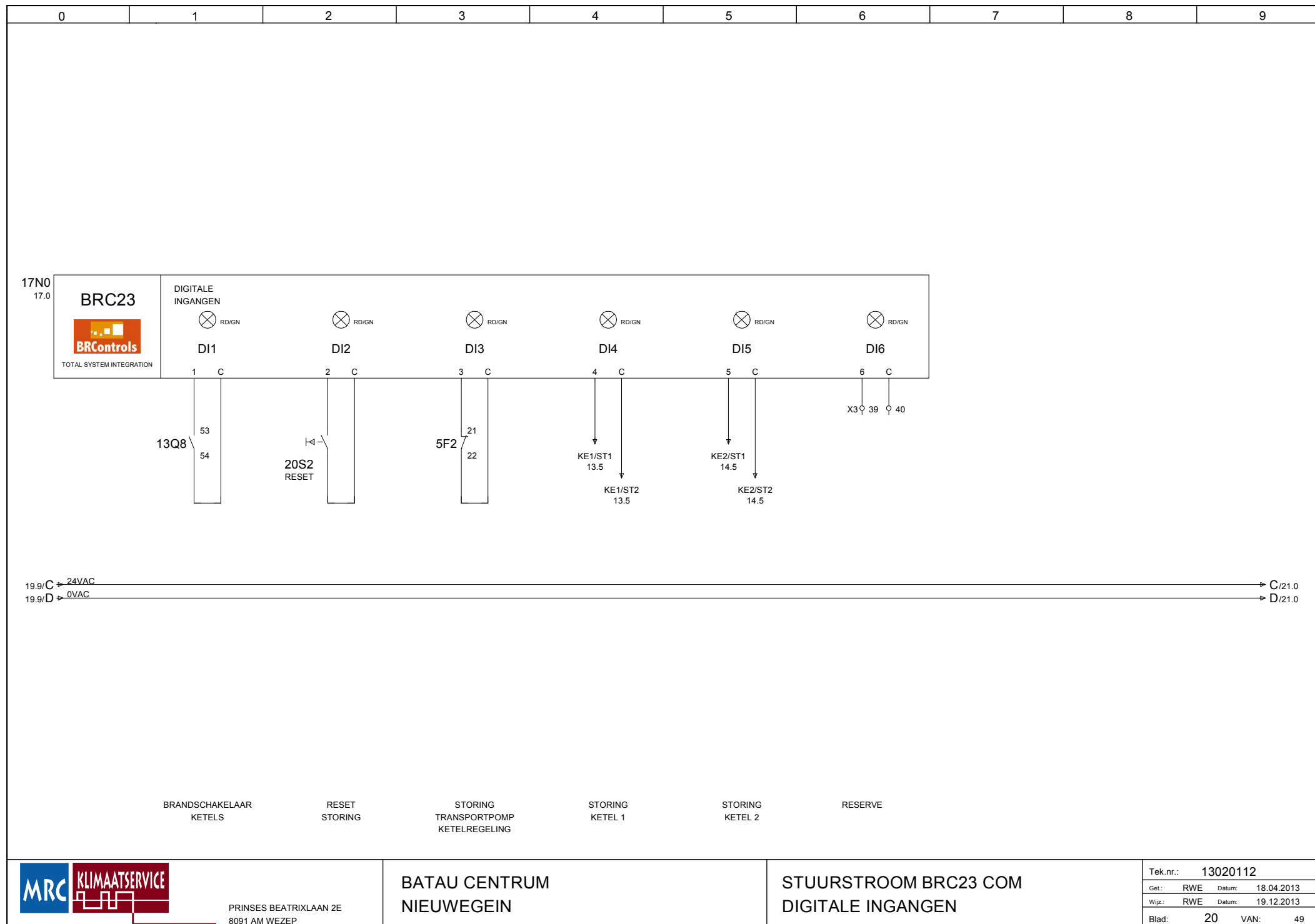
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ANALOGUE UITGANGEN

Tek.nr.: 13020112

Get.: RWE    Datum: 18.04.2013

Wijz.: RWE    Datum: 19.12.2013

Blad: 19    VAN: 49



BRANDSCHAKELAAR  
KETELS

RESET  
STORING

STORING  
TRANSPORTPOMP  
KETELREGELING

STORING  
KETEL 1

STORING  
KETEL 2

RESERVE

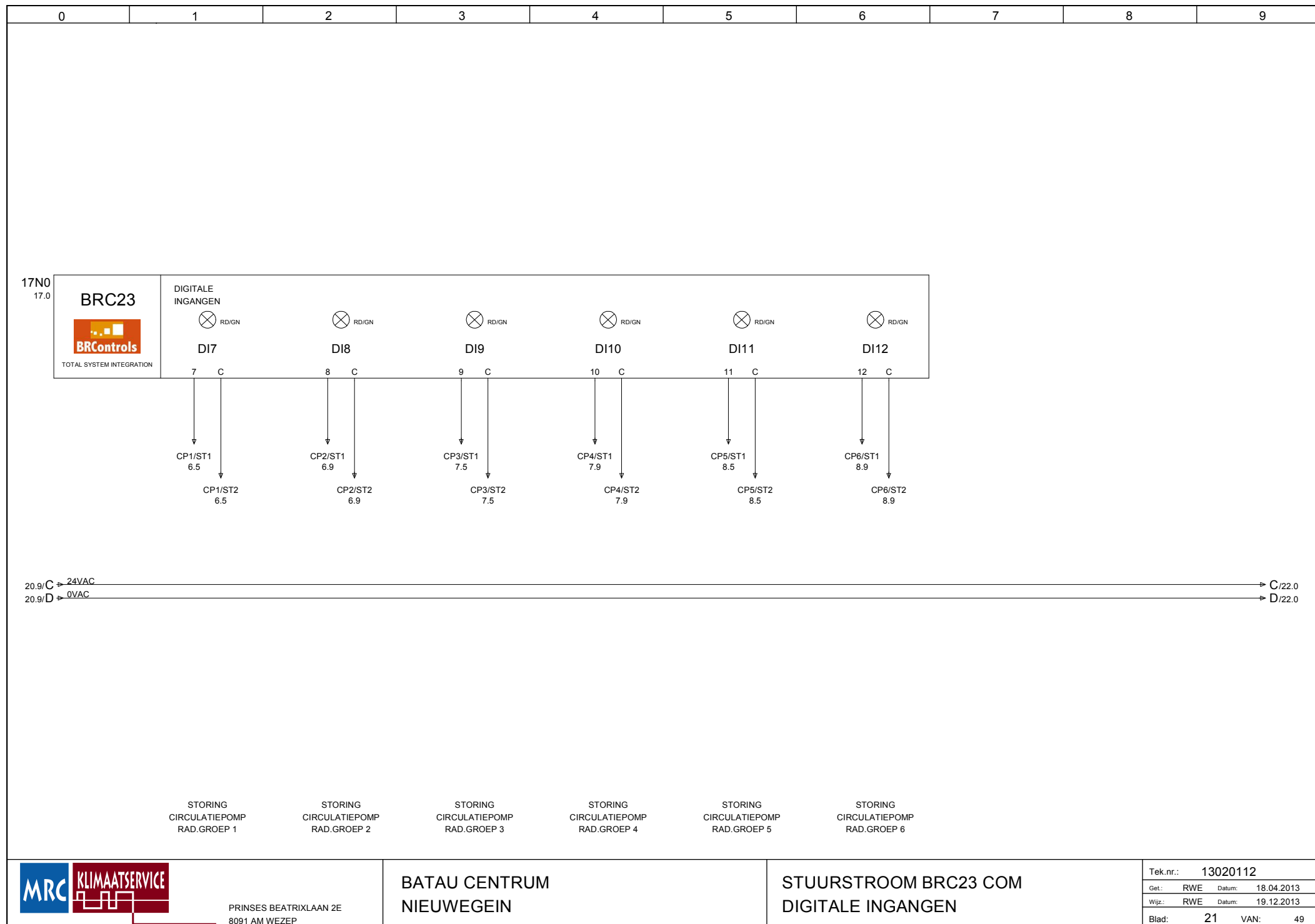
**KLIMAATSERVICE**

PRINSES BEATRIXLAAN 2E  
8091 AM WEZEP

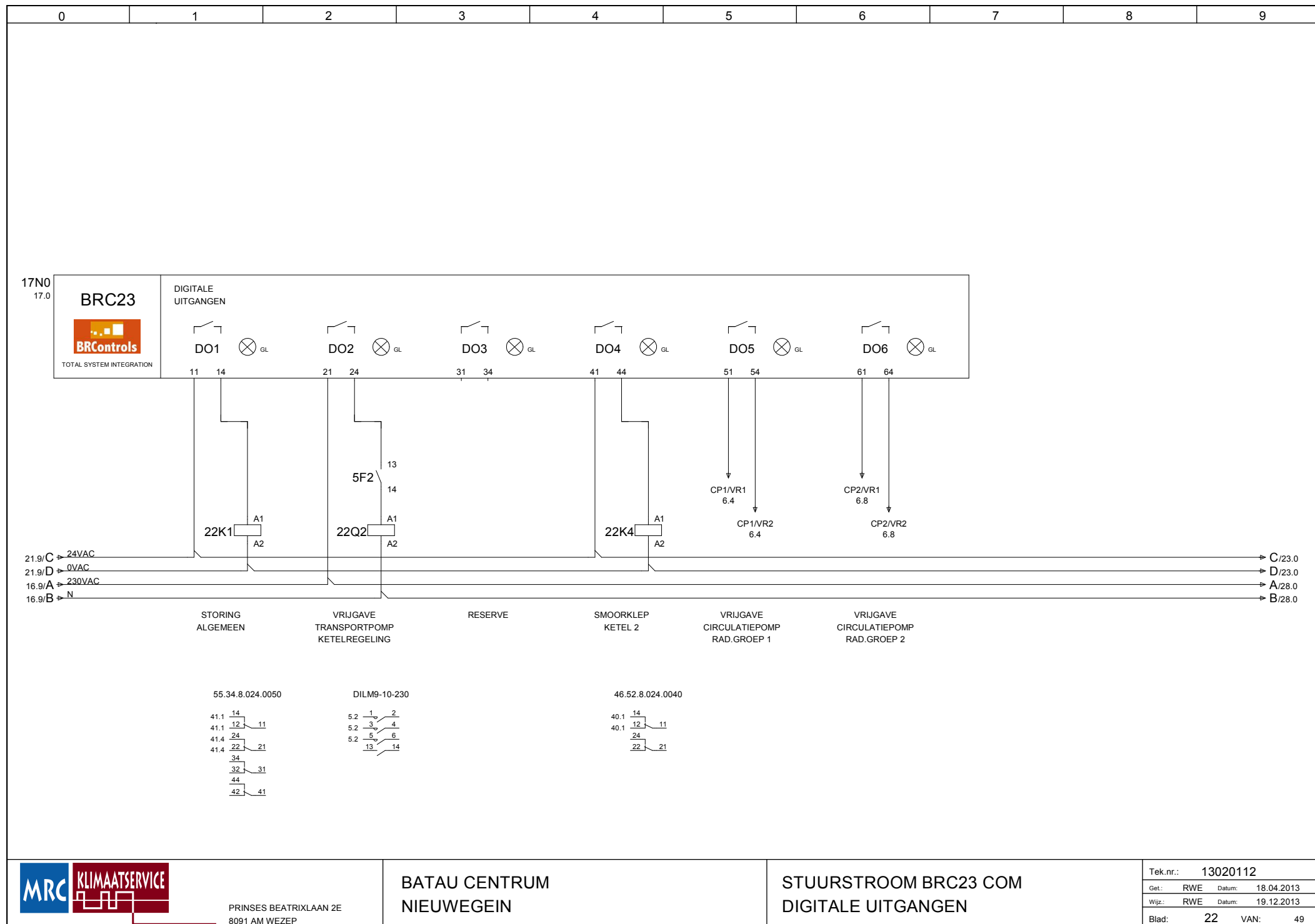
BATAU CENTRUM  
NIEUWEGEIN

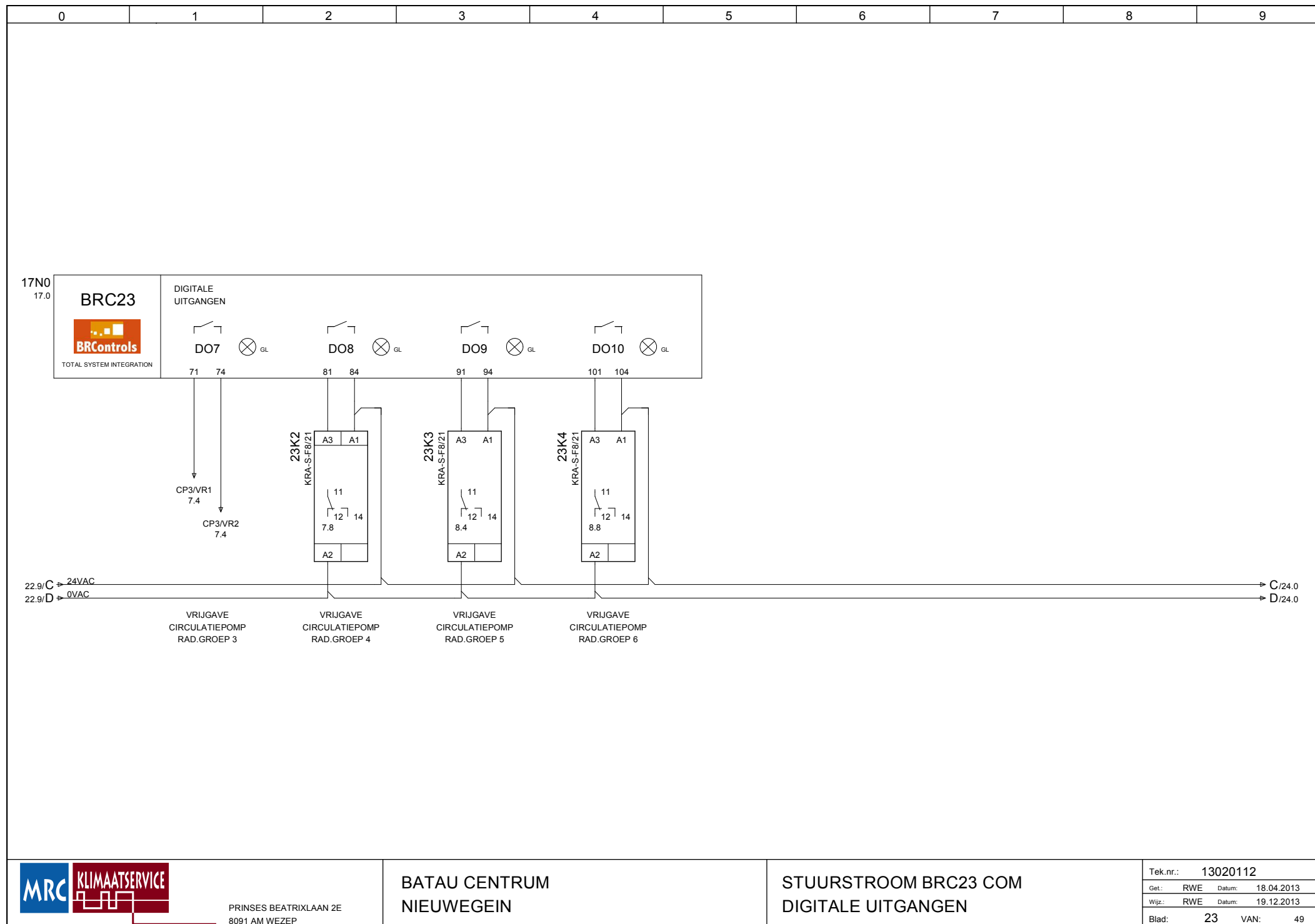
STUURSTROOM BRC23 COM  
DIGITALE INGANGEN

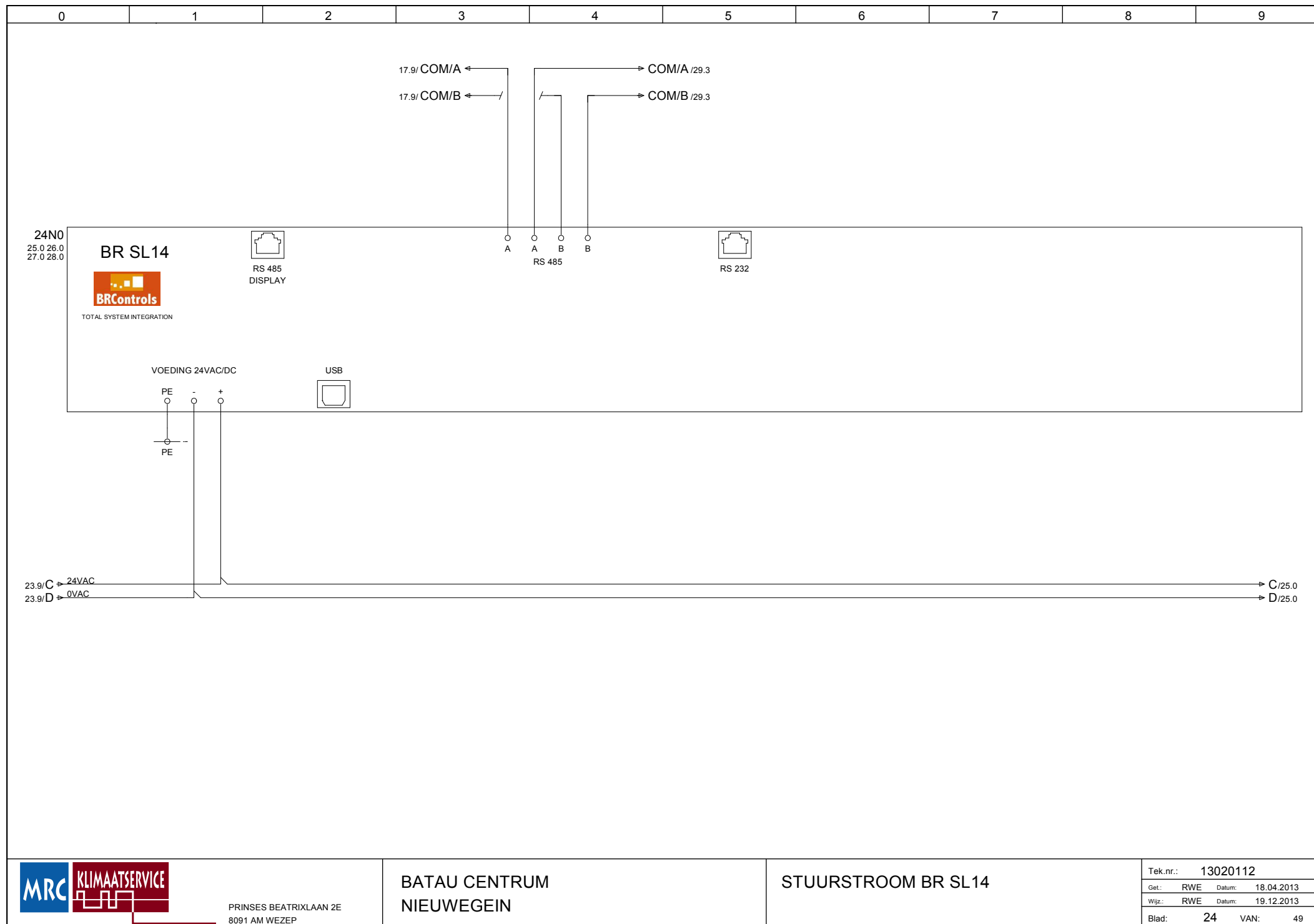
|                   |                   |
|-------------------|-------------------|
| Tek.nr.: 13020112 |                   |
| Get.: RWE         | Datum: 18.04.2013 |
| Wijz.: RWE        | Datum: 19.12.2013 |
| Blad: 20          | VAN: 49           |

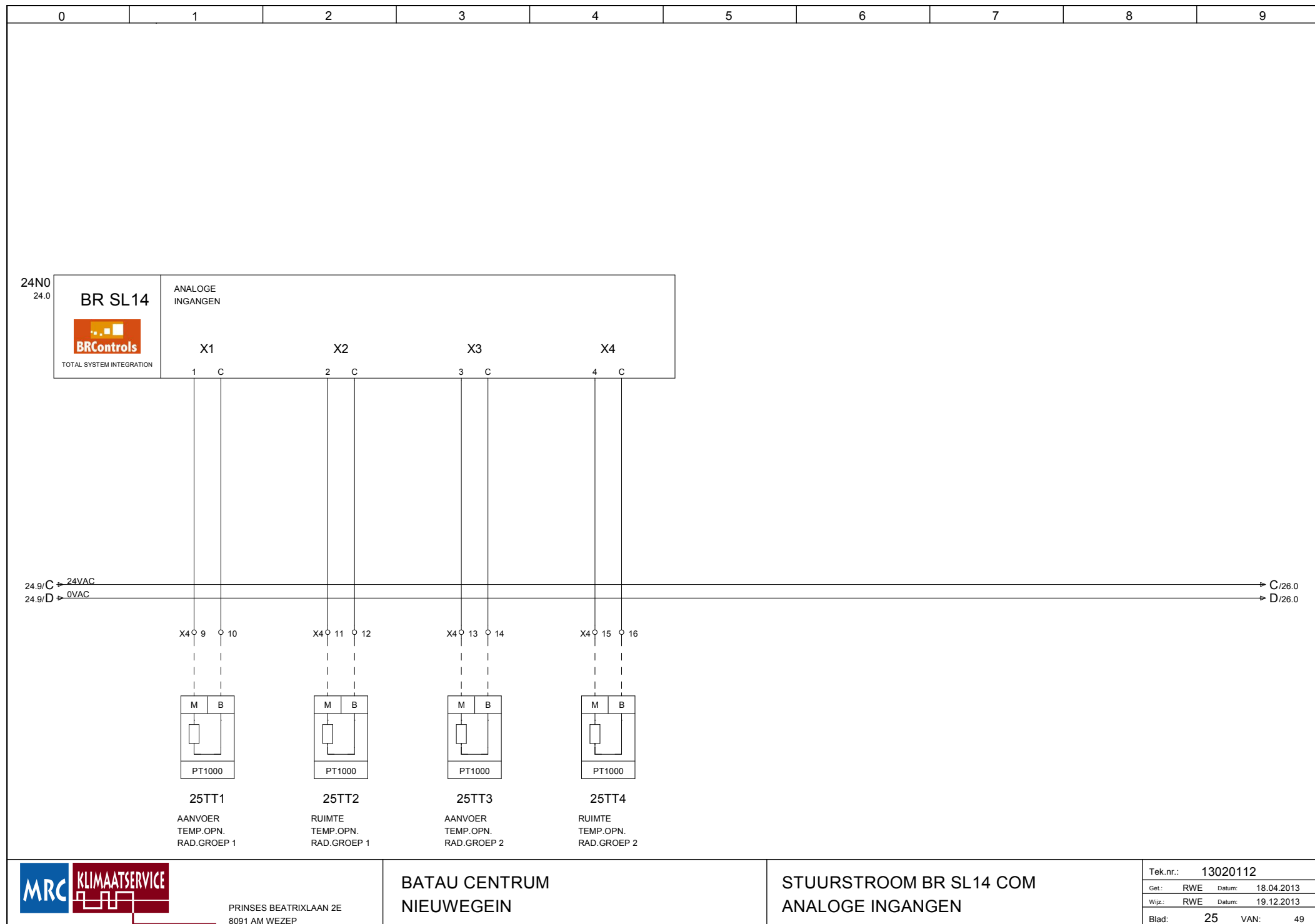


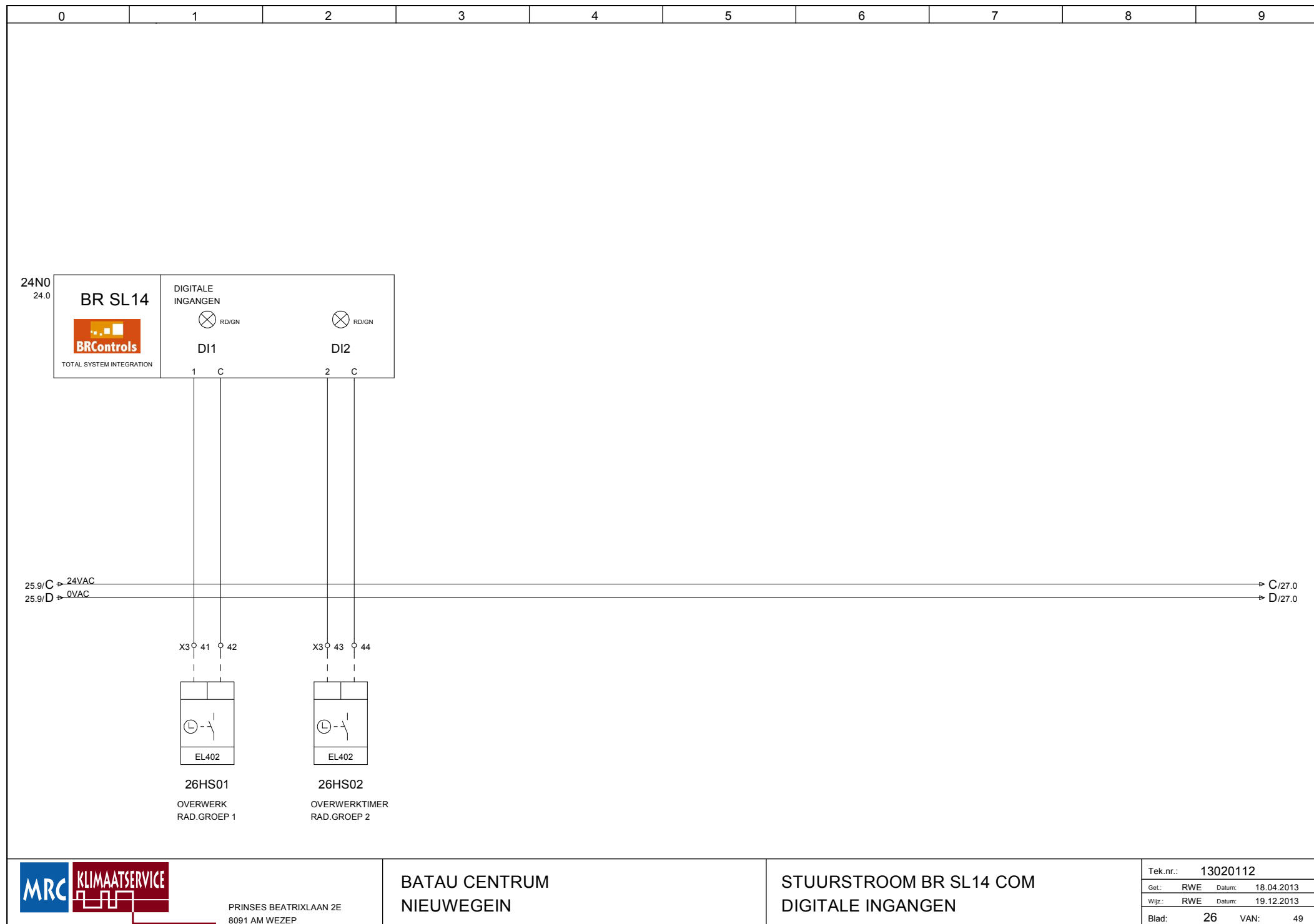


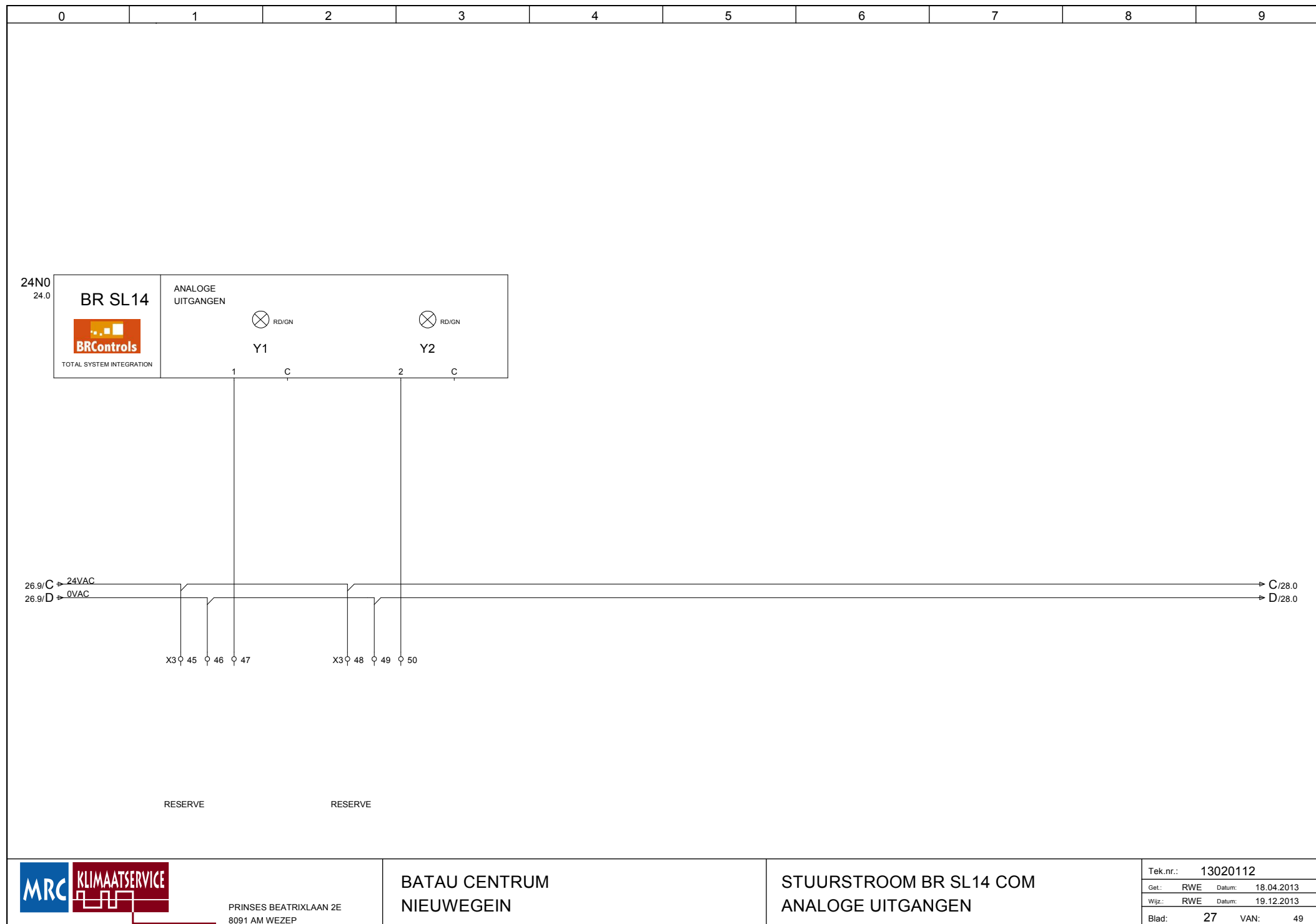


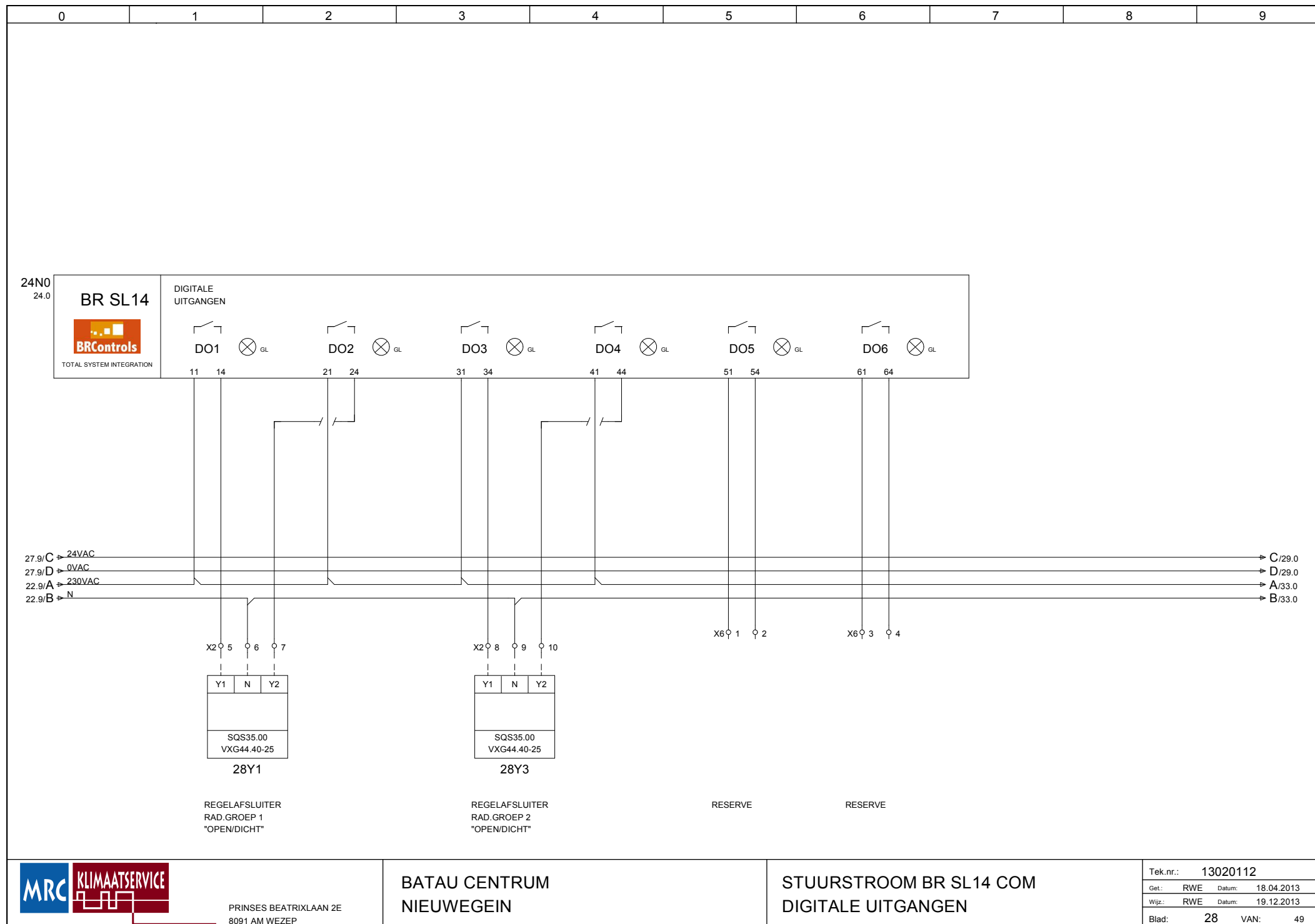


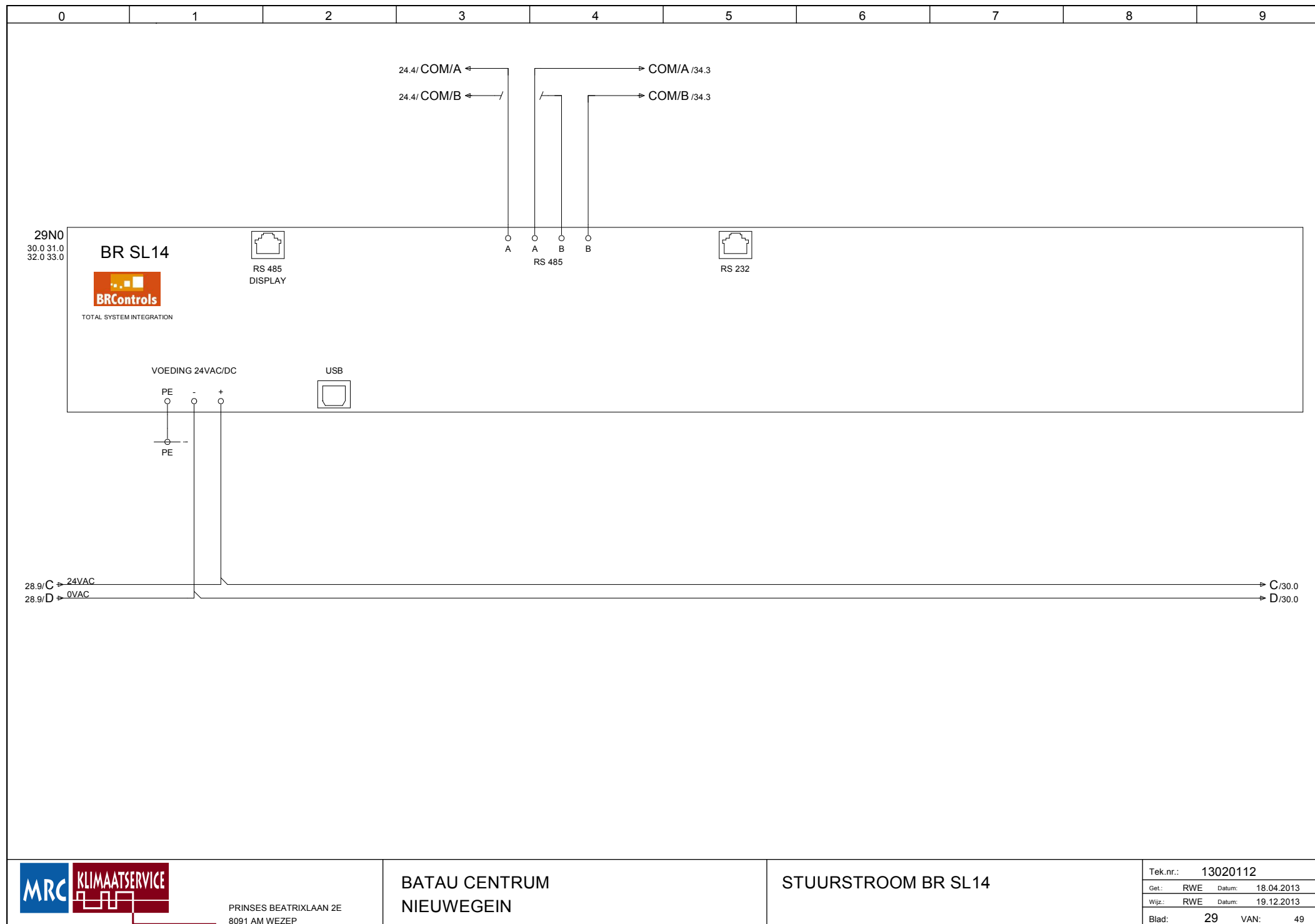












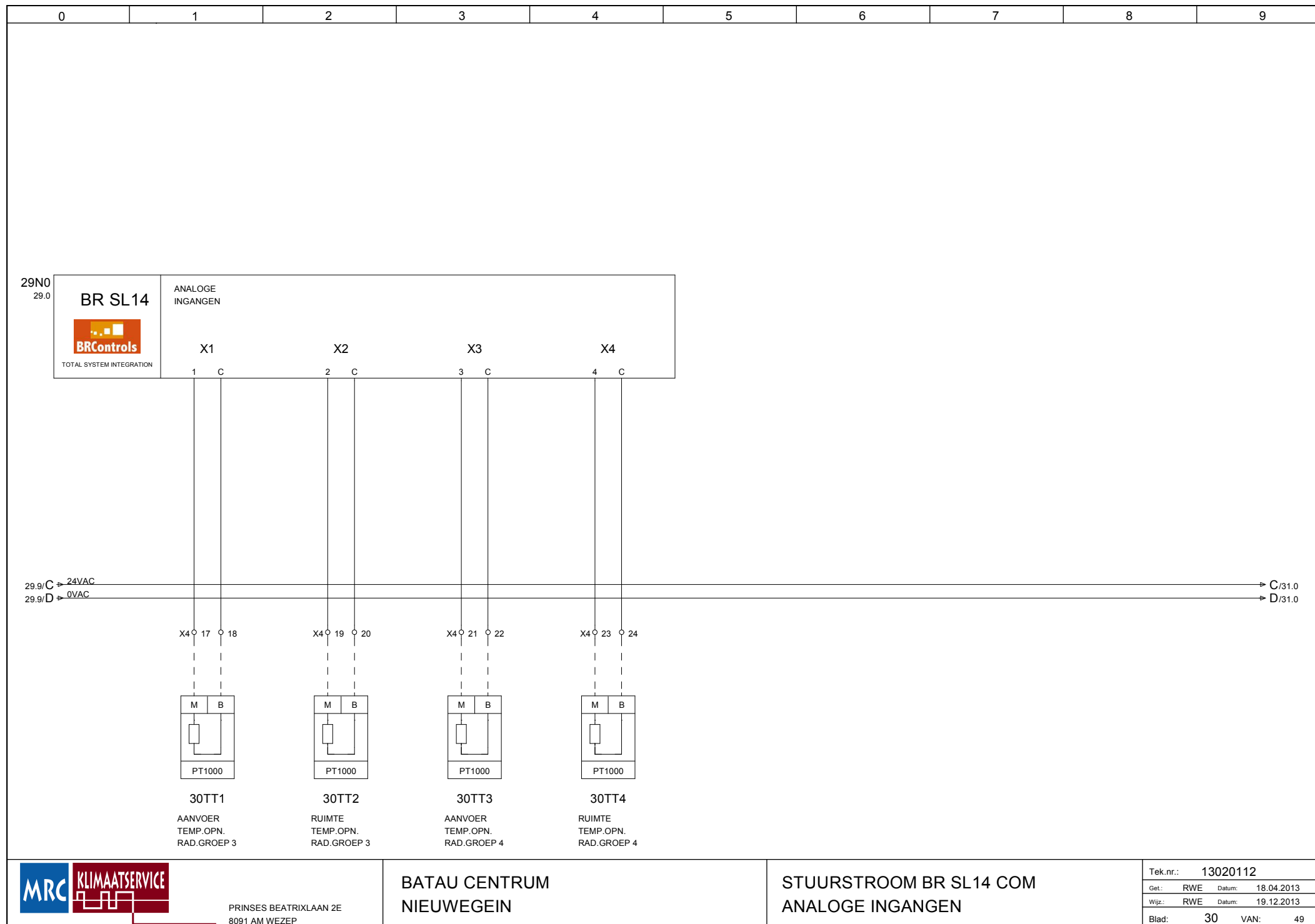
28.9/ C → 24VAC

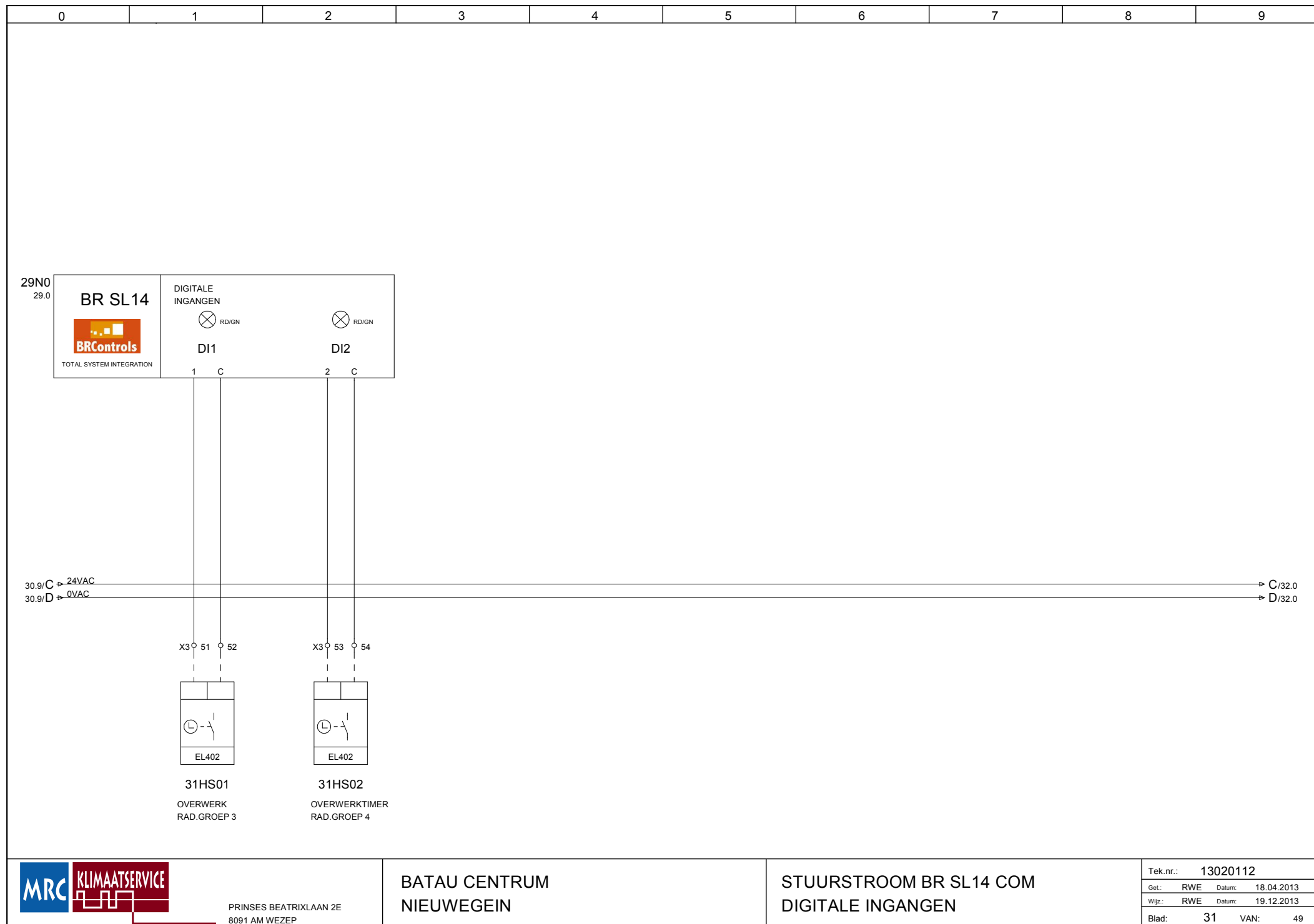
28.9/ D → 0VAC

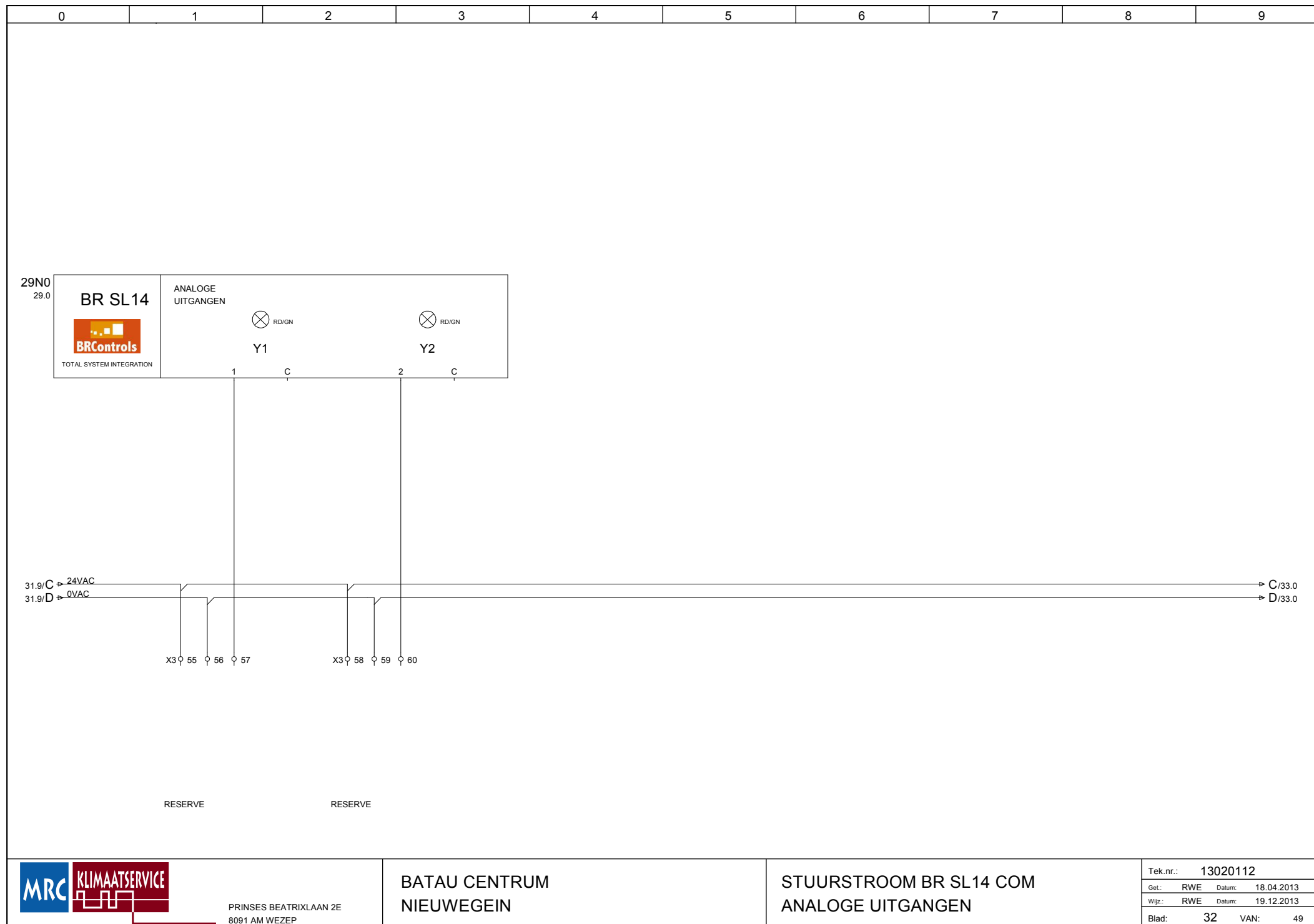
→ C/30.0

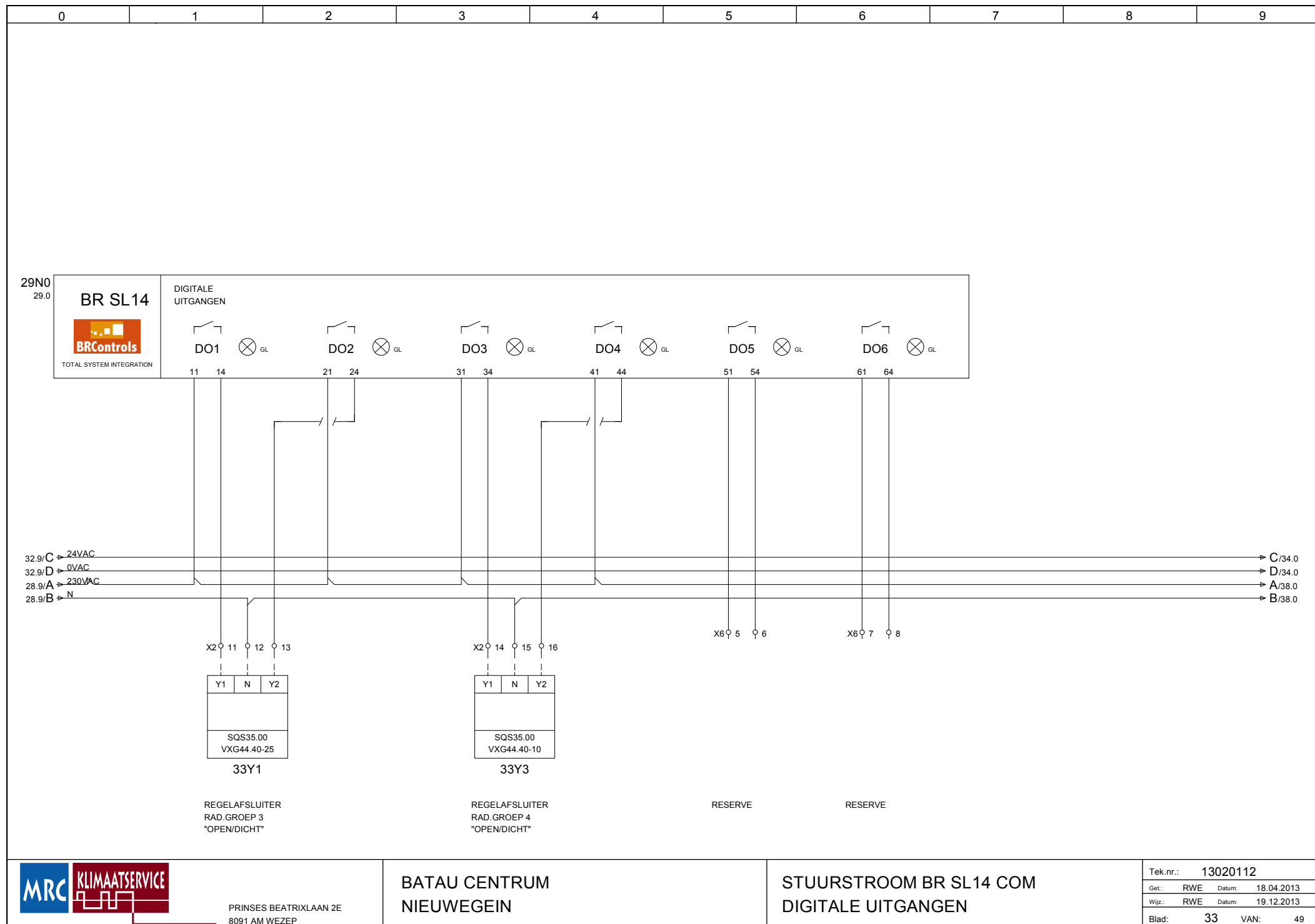
→ D/30.0

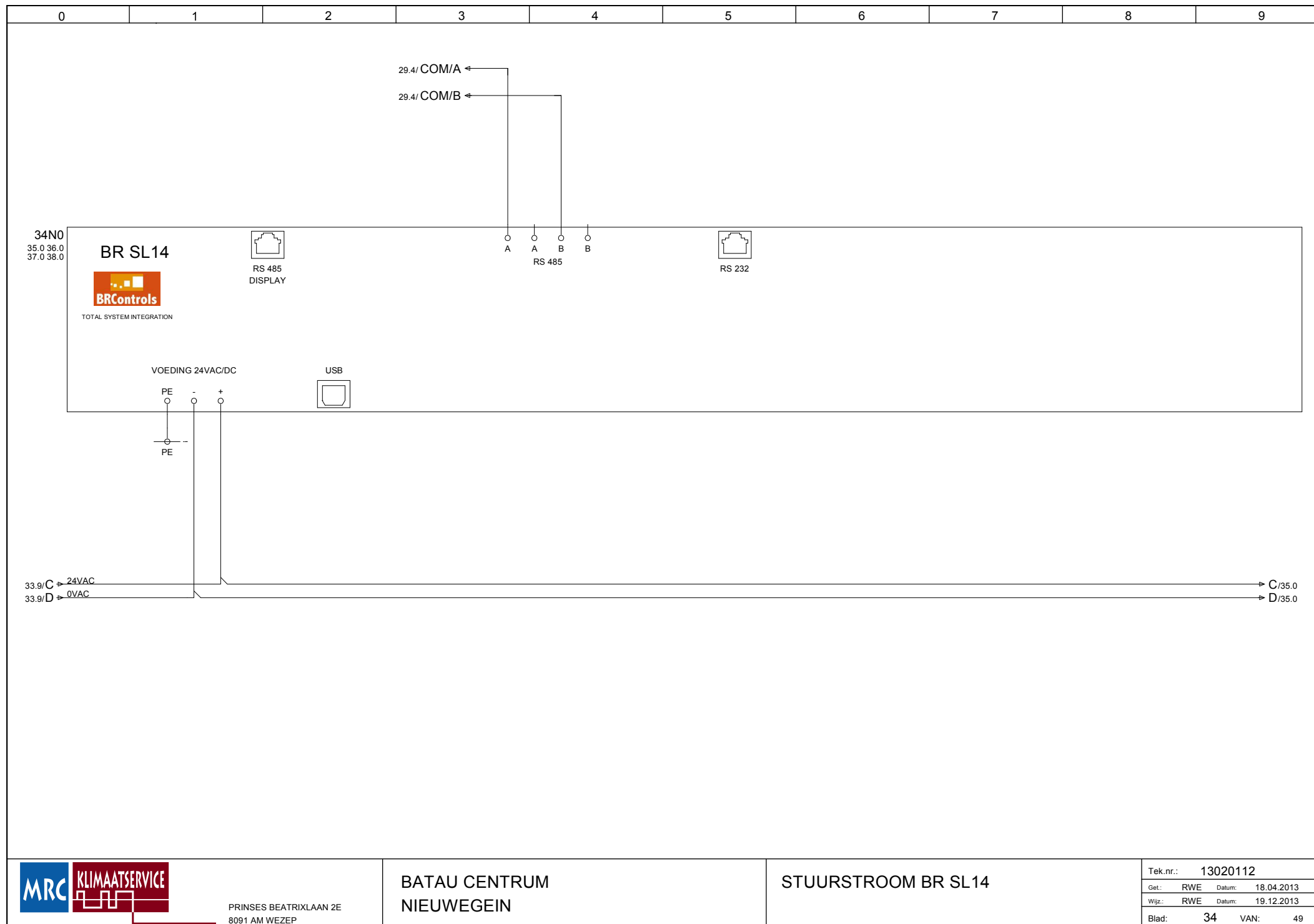












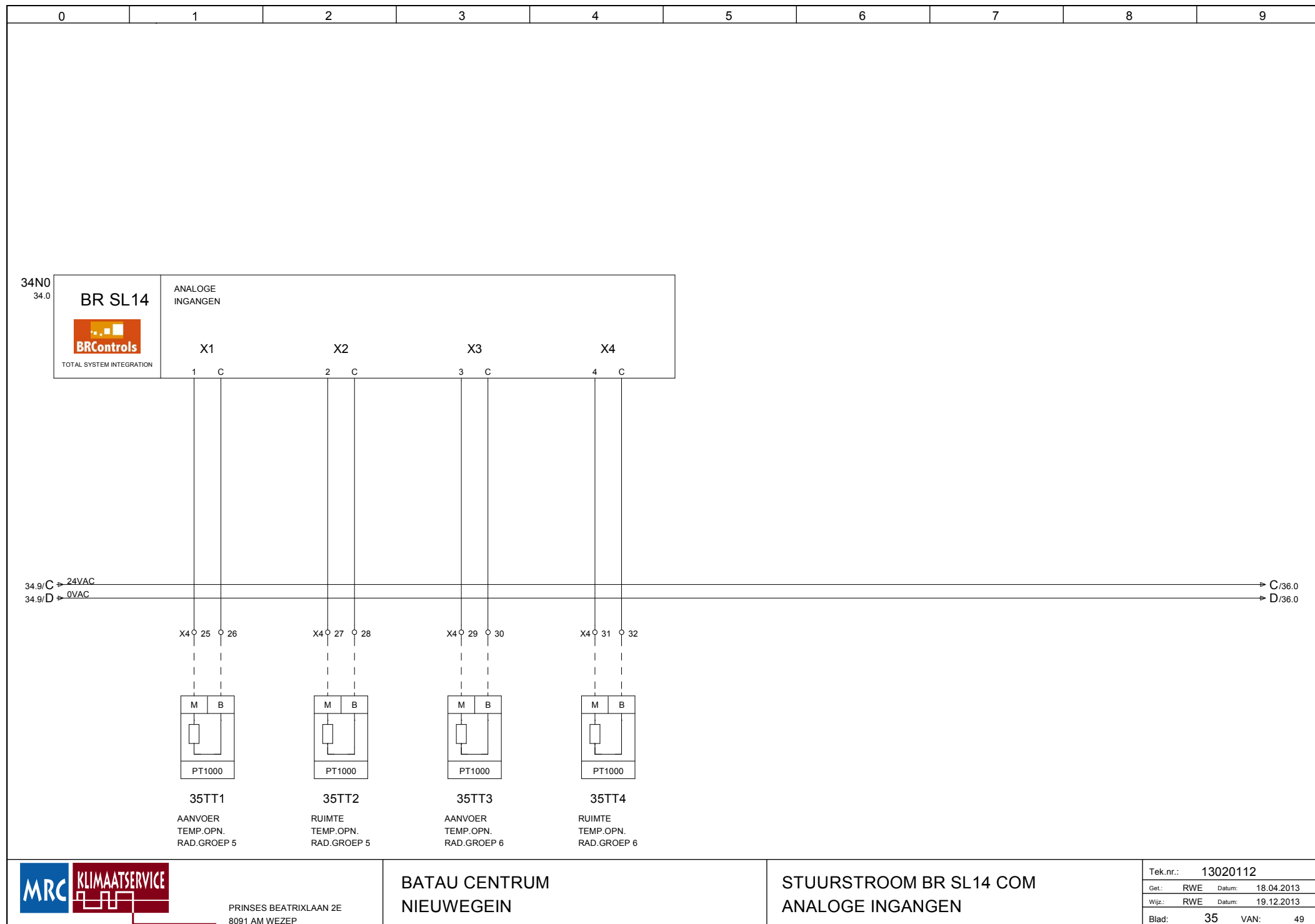


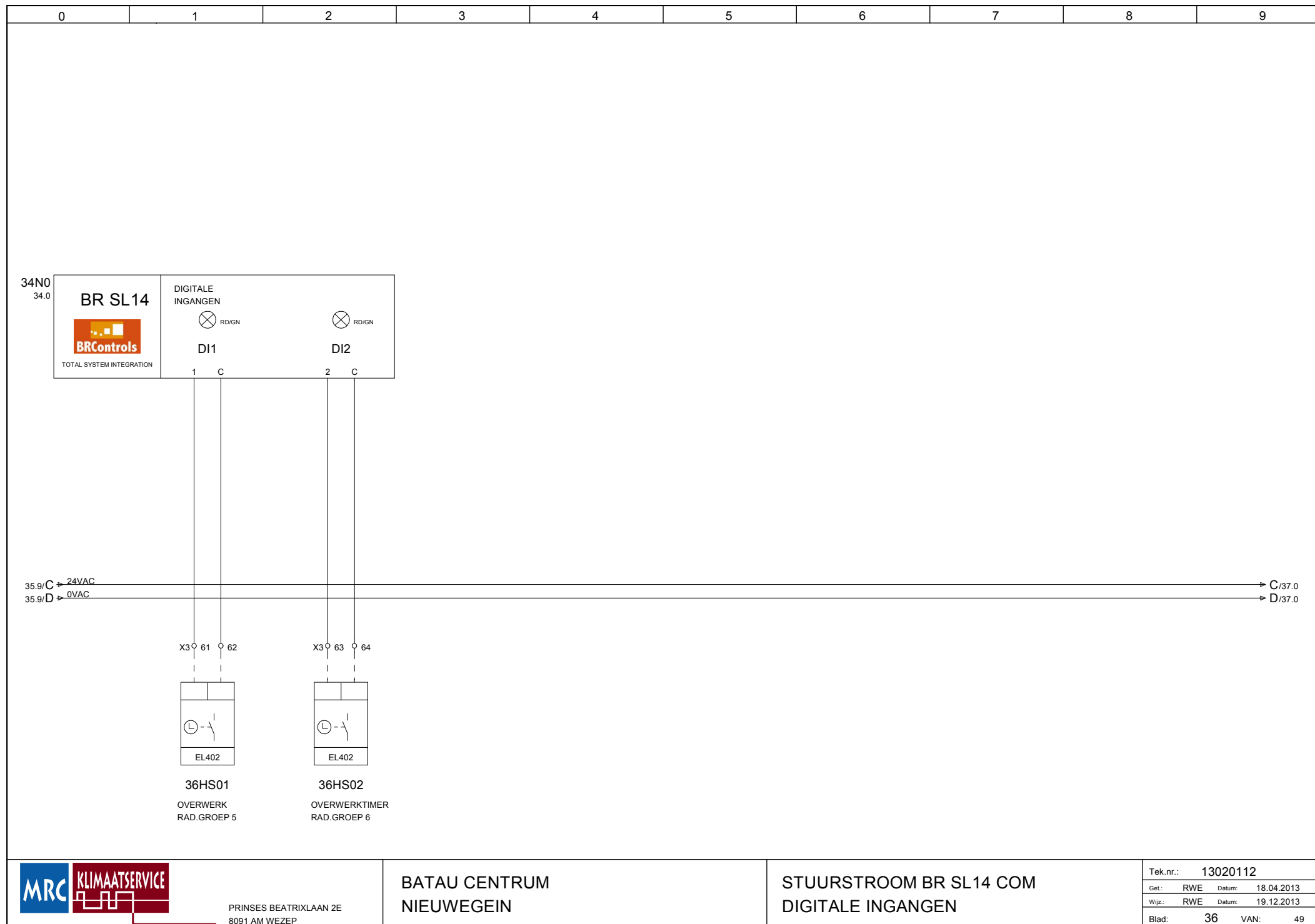
PRINSES BEATRIXLAAN 2E  
8091 AM WEZEP

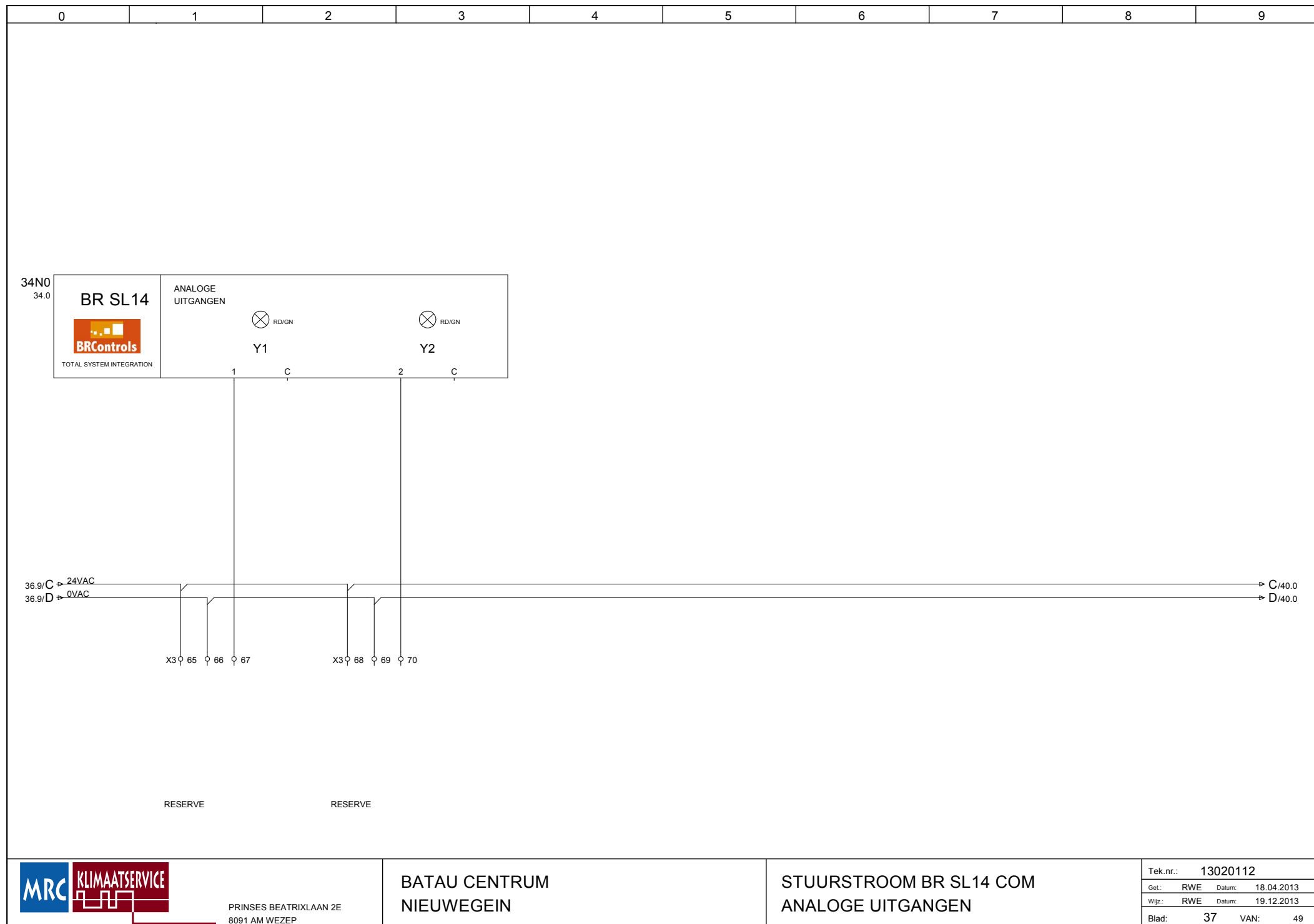
BATAU CENTRUM  
NIEUWEGEIN

STUURSTROOM BR SL14

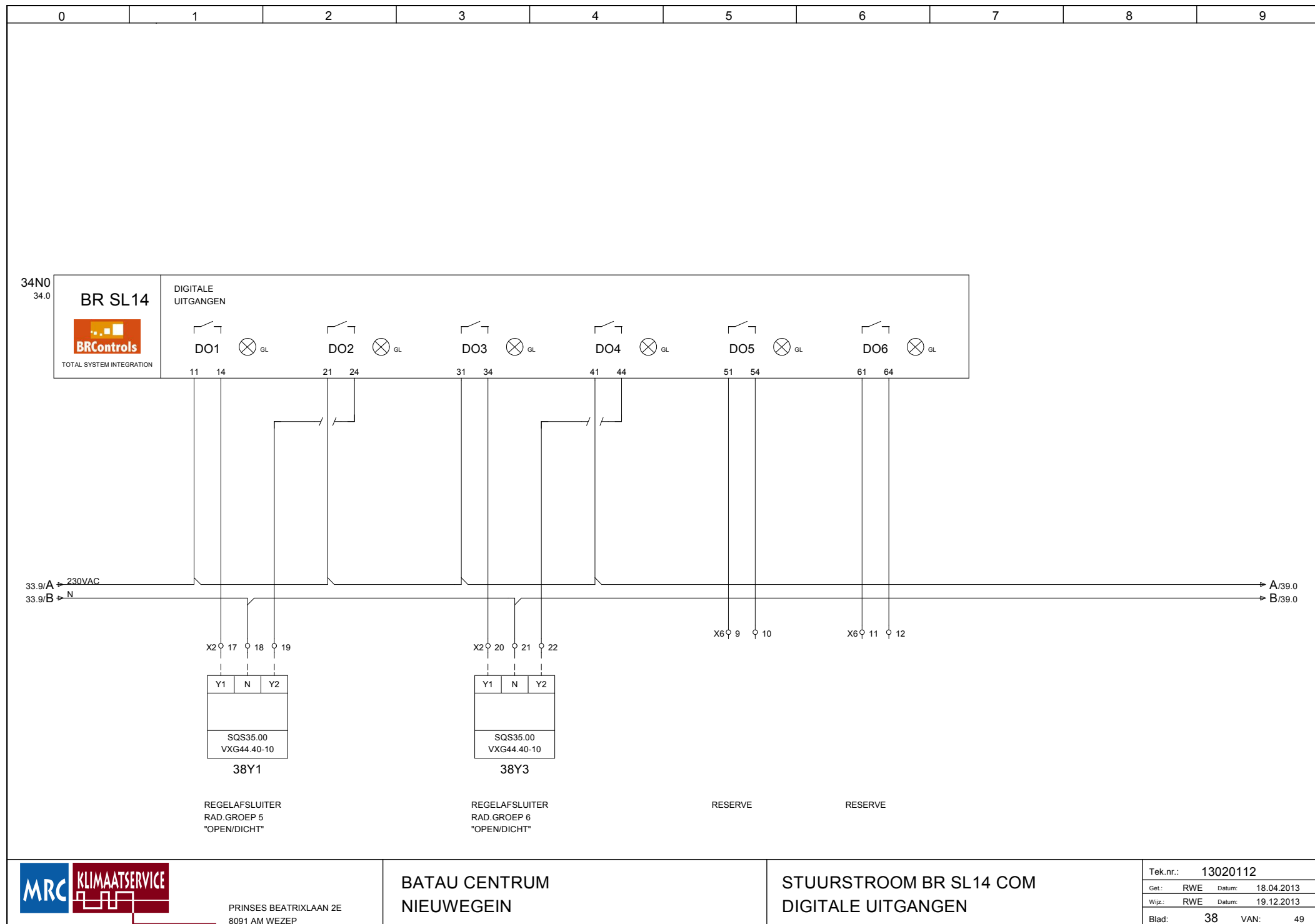
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|-------------------|-------------------|
| Tek.nr.: 13020112 |                   |
| Get.: RWE         | Datum: 18.04.2013 |
| Wijz.: RWE        | Datum: 19.12.2013 |
| Blad: 34          | VAN: 49           |



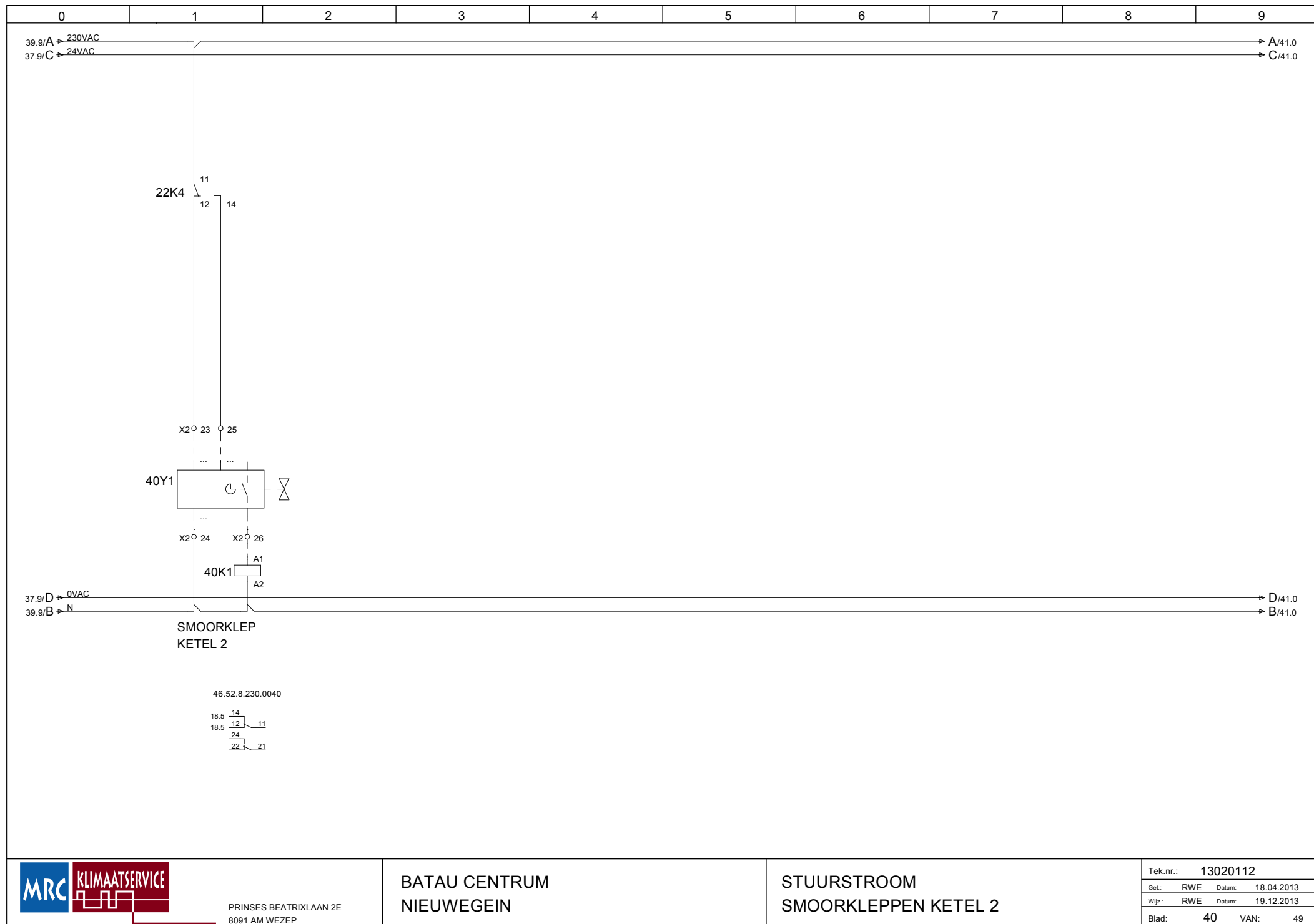


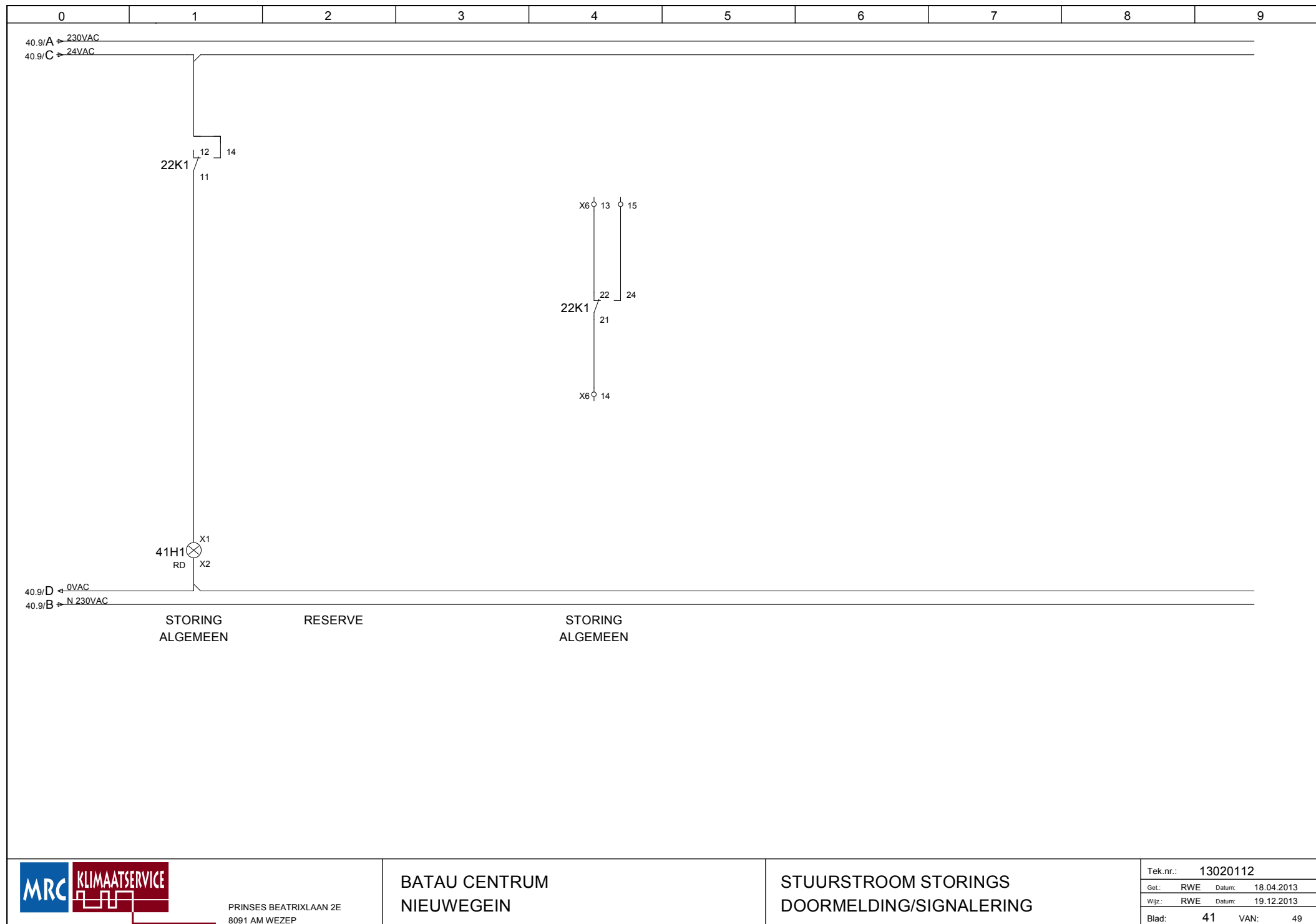
















Omschrijving

|                                    |     |        |    |      |
|------------------------------------|-----|--------|----|------|
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 1 | 10  | 6M2    | 1  | 6.3  |
| =                                  | 11  | 6M2    | 2  | 6.4  |
| STORING CIRCULATIEPOMP RAD.GROEP 1 | 54  | 6M2    | 3  | 6.5  |
| =                                  | 51  | 6M2    | 4  | 6.5  |
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 2 | 10  | 6M6    | 5  | 6.7  |
| =                                  | 11  | 6M6    | 6  | 6.8  |
| STORING CIRCULATIEPOMP RAD.GROEP 3 | 54  | 6M6    | 7  | 6.9  |
| =                                  | 51  | 6M6    | 8  | 6.9  |
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 3 | 10  | 7M2    | 9  | 7.3  |
| =                                  | 11  | 7M2    | 10 | 7.4  |
| STORING CIRCULATIEPOMP RAD.GROEP 3 | 54  | 7M2    | 11 | 7.5  |
| =                                  | 51  | 7M2    | 12 | 7.5  |
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 4 | 10  | 7M6    | 13 | 7.7  |
| =                                  | 11  | 7M6    | 14 | 7.8  |
| STORING CIRCULATIEPOMP RAD.GROEP 4 | 54  | 7M6    | 15 | 7.9  |
| =                                  | 51  | 7M6    | 16 | 7.9  |
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 5 | 10  | 8M2    | 17 | 8.3  |
| =                                  | 11  | 8M2    | 18 | 8.4  |
| STORING CIRCULATIEPOMP RAD.GROEP 5 | 54  | 8M2    | 19 | 8.5  |
| =                                  | 51  | 8M2    | 20 | 8.5  |
| AAN/UIT CIRCULATIEPOMP RAD.GROEP 6 | 10  | 8M6    | 21 | 8.7  |
| =                                  | 11  | 8M6    | 22 | 8.8  |
| STORING CIRCULATIEPOMP RAD.GROEP 6 | 54  | 8M6    | 23 | 8.9  |
| =                                  | 51  | 8M6    | 24 | 8.9  |
| STURING 0-10V KETEL 1              | ... | 10KE2  | 25 | 13.2 |
| =                                  | ... | 10KE2  | 26 | 13.3 |
| STORING KETEL 1                    | ... | 10KE2  | 27 | 13.5 |
| =                                  | ... | ...    | 28 | 13.5 |
| STURING 0-10V KETEL 2              | ... | 10KE4  | 29 | 14.2 |
| =                                  | ... | 10KE4  | 30 | 14.3 |
| STORING KETEL 2                    | ... | 10KE4  | 31 | 14.5 |
| =                                  | ... | ...    | 32 | 14.5 |
| RESERVE                            |     |        | 33 | 19.3 |
| =                                  |     |        | 34 | 19.4 |
| =                                  |     |        | 35 | 19.4 |
| =                                  |     |        | 36 | 19.5 |
| =                                  |     |        | 37 | 19.5 |
| =                                  |     |        | 38 | 19.5 |
| =                                  |     |        | 39 | 20.6 |
| =                                  |     |        | 40 | 20.6 |
| OVERWERK RAD.GROEP 1               |     | 26HS01 | 41 | 26.1 |
| =                                  |     | 26HS01 | 42 | 26.1 |
| OVERWERKTIMER RAD.GROEP 2          |     | 26HS02 | 43 | 26.2 |
| =                                  |     | 26HS02 | 44 | 26.2 |
| RESERVE                            |     |        | 45 | 27.1 |
| =                                  |     |        | 46 | 27.1 |
| =                                  |     |        | 47 | 27.1 |
| =                                  |     |        | 48 | 27.2 |
| =                                  |     |        | 49 | 27.2 |
| =                                  |     |        | 50 | 27.3 |
| OVERWERK RAD.GROEP 3               |     | 31HS01 | 51 | 31.1 |
| =                                  |     | 31HS01 | 52 | 31.1 |
| OVERWERKTIMER RAD.GROEP 4          |     | 31HS02 | 53 | 31.2 |
| =                                  |     | 31HS02 | 54 | 31.2 |
| RESERVE                            |     |        | 55 | 32.1 |
| =                                  |     |        | 56 | 32.1 |
| =                                  |     |        | 57 | 32.1 |
| =                                  |     |        | 58 | 32.2 |
| =                                  |     |        | 59 | 32.2 |
| =                                  |     |        | 60 | 32.3 |
| OVERWERK RAD.GROEP 5               |     | 36HS01 | 61 | 36.1 |
| =                                  |     | 36HS01 | 62 | 36.1 |
| OVERWERKTIMER RAD.GROEP 6          |     | 36HS02 | 63 | 36.2 |
| =                                  |     | 36HS02 | 64 | 36.2 |
| RESERVE                            |     |        | 65 | 37.1 |
| =                                  |     |        | 66 | 37.1 |
| =                                  |     |        | 67 | 37.1 |
| =                                  |     |        | 68 | 37.2 |
| =                                  |     |        | 69 | 37.2 |
| =                                  |     |        | 70 | 37.3 |

PE-KLEM = AARDRAIL



PRINSES BEATRIXLAAN 2E  
8091 AM WEZEP

BATAU CENTRUM  
NIEUWEGEIN

KLEMMENSTROOK X3

Tek.n.: 13020112

Gef.: RWE Datum: 18.04.2013

Wfz.: RWE Datum: 19.12.2013

Blad: 44 VAN: 49





| 0  |                      | 1                |      | 2    |      | 3    |      | 4    |      | 5    |      | 6    |      | 7    |      | 8    |  | 9 |  |  |  |  |
|----|----------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|---|--|--|--|--|
| X6 | Pagina / Pad         | 28.5             | 28.5 | 28.6 | 28.6 | 33.5 | 33.5 | 33.6 | 33.6 | 38.5 | 38.5 | 38.6 | 38.6 | 41.4 | 41.4 | 41.4 |  |   |  |  |  |  |
|    | Brug                 | 1                | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   |  |   |  |  |  |  |
|    | Onderdeelcode extern |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    | Aansluiting          |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    | Omschrijving         | RESERVE          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | STORING ALGEMEEN |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      | =                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
| =  |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |
|    |                      |                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |   |  |  |  |  |

| 0    | 1      | 2                | 3          | 4   | 5 | 6 | 7 | 8 | 9 |
|------|--------|------------------|------------|---|---|---|---|---|---|
| ODK  | AANTAL | ARTIKELNUMMER    | FABRIKAAT  | OMSCHRIJVING                                  |   |   |   |   |   |
|      | 1      | AE1280.500       | RITTAL     | KAST 1200 X 800 X 300 RAL7035                 |   |   |   |   |   |
|      | 4      | SZ2508.010       | RITTAL     | WANDB. 10MM AE MET MONT. MAT.                 |   |   |   |   |   |
|      | 1      | 0.88.200.0       | NDU        | TEKENINGHOUDER GRIJS A4                       |   |   |   |   |   |
|      | 1      | AE WPL-5         | RITTAL     | WARTELPLAAT GROOTTE : 10xM25 / 6xM20 / 23xM16 |   |   |   |   |   |
| X1   | 18     | ZDU2.5           | WEIDMÜLLER | AANSLUITKLEM 2.5MM² VEER                      |   |   |   |   |   |
| X1   | 77     | ZDU2.5/3AN       | WEIDMÜLLER | AANSLUITKLEM 2.5MM² 3V VEER                   |   |   |   |   |   |
| X1   | 35     | ZDK2.5/3AN       | WEIDMÜLLER | VEERKLEM DUBBEL 2.5MM² 3 AANSL                |   |   |   |   |   |
| XTL  | 4      | ZDU 2.5-2/3AN    | WEIDMÜLLER | AANSLUITKLEM 2.5MM² 3V VEER                   |   |   |   |   |   |
| XTL  | 1      | ZPE 2.5-2/3AN    | WEIDMÜLLER | AARDKLEM 2.5MM² 3V VEER                       |   |   |   |   |   |
| 5F2  | 1      | PKZM0-1.6-T      | MOELLER    | TRANSF. BEV. SCHAK. 1.0-1.6A                  |   |   |   |   |   |
| 5F2  | 1      | NHI11-PKZ0       | MOELLER    | HULPCONTACT LATERAAL 1M1V VOOR PKZM0/4        |   |   |   |   |   |
| 5Q0  | 1      | OT63FT4N2        | ABB        | LASTSCHAKELAAR 63A 4P FRONTMON                |   |   |   |   |   |
| 5Q0  | 1      | OHYS2RJ          | ABB        | KNOP+VERGREDELING FRONTM GL/RD                |   |   |   |   |   |
| 5Q0  | 2      | OTS63T1          | ABB        | AFDEKKAP 1-POLIG OT63-80F1/FT1                |   |   |   |   |   |
| 5Q0  | 2      | OTS63T3          | ABB        | AFDEKKAP 3-POLIG OT63-80F3/FT3                |   |   |   |   |   |
| 6F2  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 6F6  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 7F2  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 7F6  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 8F2  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 8F6  | 1      | FAZ-B10/1N       | MOELLER    | INSTALLATIE AUTOMAAT 10A 1P+N B               |   |   |   |   |   |
| 10F2 | 1      | FAZ-B16/1N       | MOELLER    | INSTALLATIE-AUTOMAAT 1P+N B 16A 10KA          |   |   |   |   |   |
| 10F4 | 1      | FAZ-B16/1N       | MOELLER    | INSTALLATIE-AUTOMAAT 1P+N B 16A 10KA          |   |   |   |   |   |
| 11E6 | 1      | KL025            | STEGO      | KASTVERLICHTING 11W LAMP + SOCKET RA          |   |   |   |   |   |
| 11E6 | 1      | LAMP-COVER       |            |   |   |   |   |   |   |
| 11F2 | 1      | FAZ-B06/1N       | MOELLER    | INSTALLATIE AUTOMAAT 6A 1P+N B                |   |   |   |   |   |
| 11F4 | 1      | WSI 4            | WEIDMÜLLER | ZEKERINGKLEM WIP 4MM² PA                      |   |   |   |   |   |
| 11F6 | 1      | FAZ-B06/1N       | MOELLER    | INSTALLATIE AUTOMAAT 6A 1P+N B                |   |   |   |   |   |
| 11S6 | 1      | AP1T11Z11        | NDU        | DEURSCHAKELAAR                                |   |   |   |   |   |
| 11T4 | 1      | 21351            | AEE        | TRANSFORMATOR 220/24V 160VA                   |   |   |   |   |   |
| 11X8 | 1      | Z-SD230          | MOELLER    | WCD MET RANDAARDE VOOR RAILMONTAGE            |   |   |   |   |   |
| 13Q8 | 1      | DILMP20-024      | MOELLER    | MAGNEETSCHAKELAAR 4P 24VAC                    |   |   |   |   |   |
| 13Q8 | 1      | DILA-XHIV22      | MOELLER    | HULPCONTACT 1M VOOR VERBREEK                  |   |   |   |   |   |
| 16N0 | 1      | EDS-205          | MOXA       | IND. ETH. SW. 5X 10/100 BASE TX               |   |   |   |   |   |
| 17N0 | 1      | BRC-23           |            |   |   |   |   |   |   |
| 20S2 | 1      | M22-D-S          | MOELLER    | DRUKKNOP ZWART TERUGVEREND                    |   |   |   |   |   |
| 20S2 | 1      | M22-A            | MOELLER    | BEVESTIGINGSADAPTER                           |   |   |   |   |   |
| 20S2 | 1      | M22-CK10         | MOELLER    | CONTACTBLOK 1M VEERKLEM FRONTMONTAGE          |   |   |   |   |   |
| 22K1 | 1      | 55.34.8.024.0050 | FINDER     | MINI INDUSTRIERELAIS INSTEEL 4W 7A 24VAC LED/ |   |   |   |   |   |
| 22K1 | 1      | 94.54            | FINDER     | AANSLUITVOET (BLAUW) KLEMVEER VOOR 55.32+34/8 |   |   |   |   |   |

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|

[illegible]

