

Anlage:

HKLS-02 Hauptschule

Schule Eggelsberg

Firma:

Gebäude- u. Regeltechnik GmbH

## SCHALTSCHRANKAUSFÜHRUNG

|                      |             |         |
|----------------------|-------------|---------|
| SCHALTSCHRANKGRÖSSE: | 600x800x250 | (BxHxT) |
| SOCKEL:              | -           | (H)     |
| LACKIERUNG:          | RAL 7035    |         |
| SCHUTZART:           | IP54        |         |
| SCHUTZMASSNAHME:     | 1t. EVU     |         |
| BLINDSCHALTBILO:     | nein        | (BxH)   |
| KABELEINFÜHRUNG:     | oben        |         |
| TÜRANSCHLAG:         | links       |         |

## VERDRAHTUNGSFARBEN

|                           |       |           |                |
|---------------------------|-------|-----------|----------------|
| HAUPTSTROMKREIS 400/230V: | _____ | schwarz   |                |
| NEUTRALLEITER:            | _____ | hellblau  |                |
| STEUERZULEITER:           | _____ | gelb/grün |                |
| STEUERSpannung 230VAC:    |       |           |                |
| ohne Trafo:               | L/N   | _____     | braun/hellblau |
| mit Trafo:                | L/N   | _____     | rot/rot-weiß   |
| STEUERSpannung 0-24VAC:   | L/N   | _____     | blau/blau-weiß |
| STEUERSpannung 0-24VDC:   | +/-   | _____     | blau/blau-weiß |
| GND, DDC:                 |       | _____     | blau-weiß      |
| MESSELEITUNGEN, FÜHLER:   |       | _____     | grün           |
| POTENTIALFREIE LEITUNGEN: |       | _____     | orange         |
| FREMDSPANNUNG:            |       | _____     | orange         |

## BESTELLDATEN:

BESTELLNR. / DATUM: \_\_\_\_\_  
KUNDE: Gebäude- u. Regeltechnik GmbH

---

  ! ! A C H T U N G ! !  

Bei Änderungen im Schaltschrank und auch an den externen Geräten die nicht von der Erzeugerfirma durchgeführt werden entfällt Garantie und Haftung. Dadurch entstehende Kosten werden nicht anerkannt. Sollte dies jedoch aus technischer Sicht notwendig sein ist die Erzeugerfirma zu verständigen. Schutzmaßnahmen des Örtlichen EVU's beachten! Motorschutzgeräte nach den tatsächlichen Aufnahmestrom der Motoren einstellen! Vor der Inbetriebnahme der Anlage sind sämtliche Schraub-, Klemm- und Steckverbindungen auf festen Sitz zu prüfen und gegebenenfalls nachzuziehen!

# Blattverzeichnis

```
000 Deckblatt
001 Netzanschluß
002 Modbus
003 EAP-FB8XI.8DI.6AO.U.7DO-R
004 EAP-FB8XI.8DI.6AO.U.7DO-R
```

```

005 EAP-FB8XI.8DI.6AO.U.7DO-R
006 EAP-FB8XI.8DI.6AO.U.7DO-R
007 EAP-FB8XI.8DI.6AO.U.7DO-R
008 H10 UWP Verteiler
009 H11 UWP Veranstaltung

```

|     |     |     |                   |
|-----|-----|-----|-------------------|
| 010 | H12 | UWP | Schule            |
| 011 | H13 | UWP | Zubringer Lüftung |
| 012 | H02 | UWP | FBH Turnhalle     |



|        |           |
|--------|-----------|
| Datum  | 07.08.14  |
| Bearb. | Hattinger |
| Gepr.  |           |
| Norm   |           |

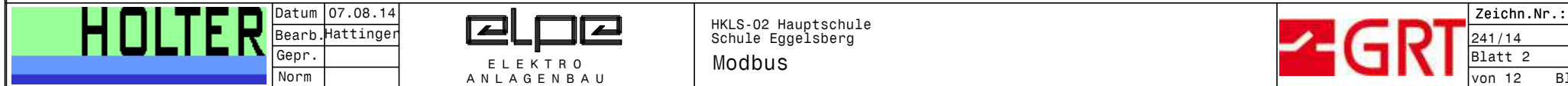


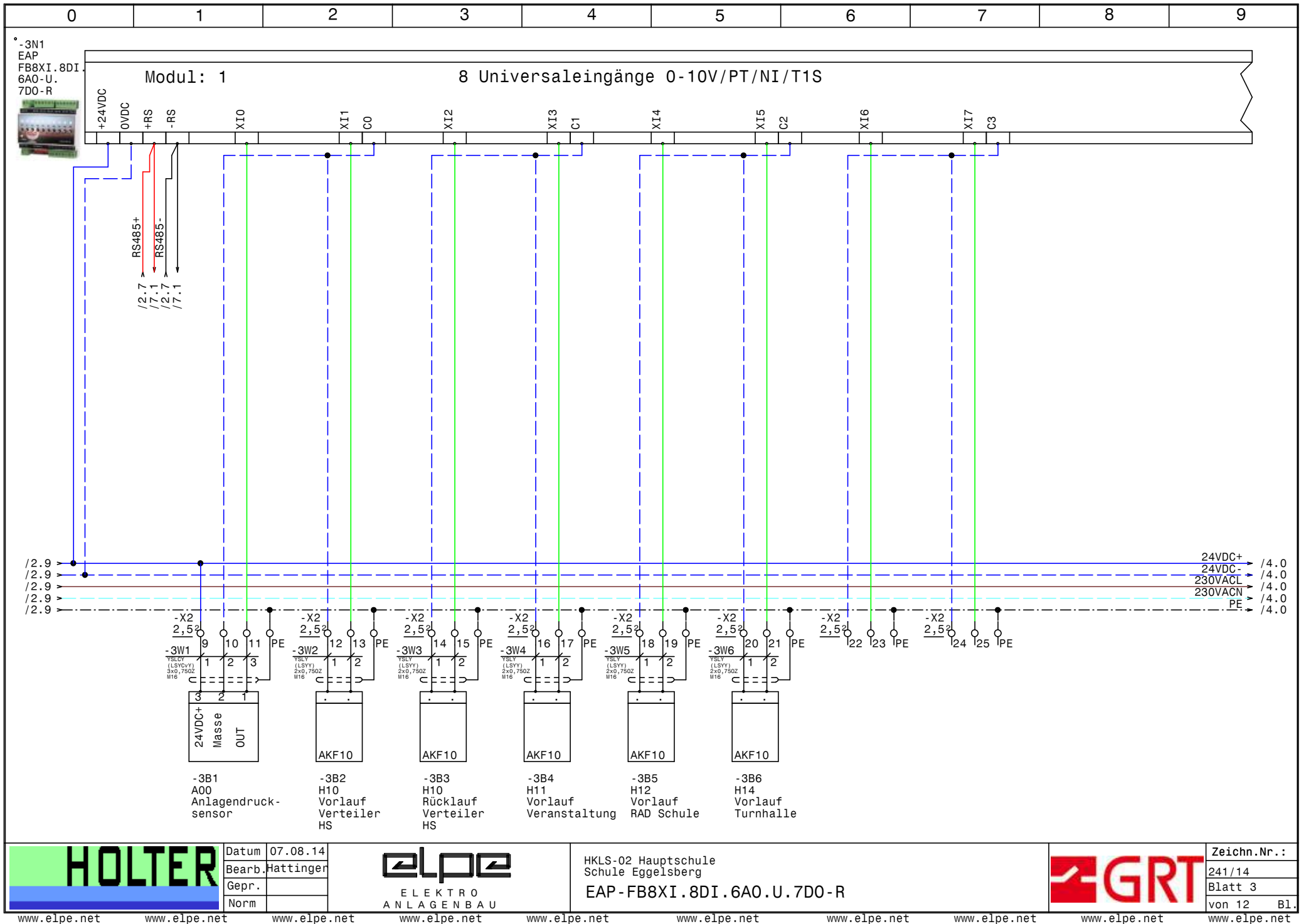
HKLS-02 Hauptschule  
Schule Eggelsberg  
**Deckblatt**

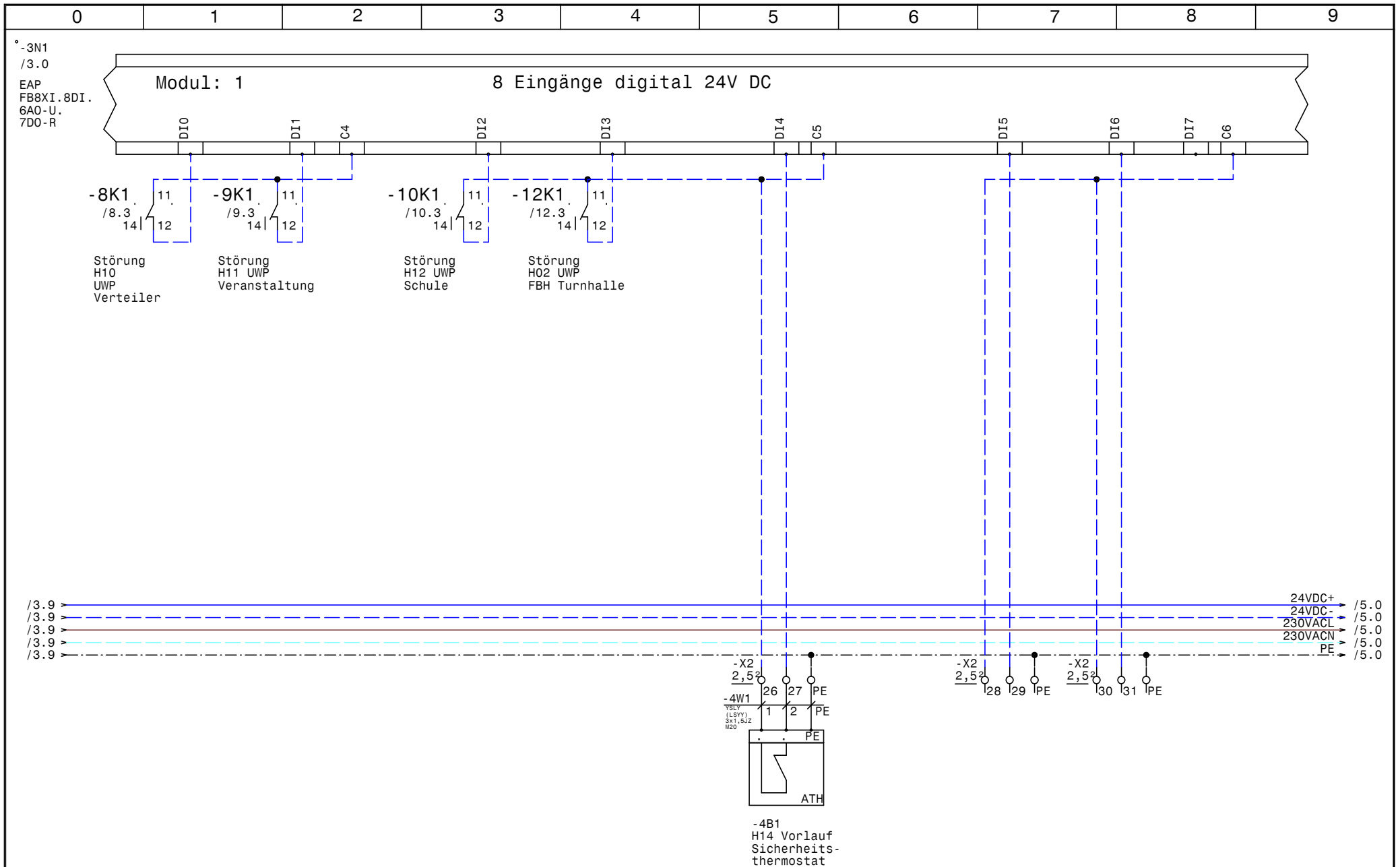


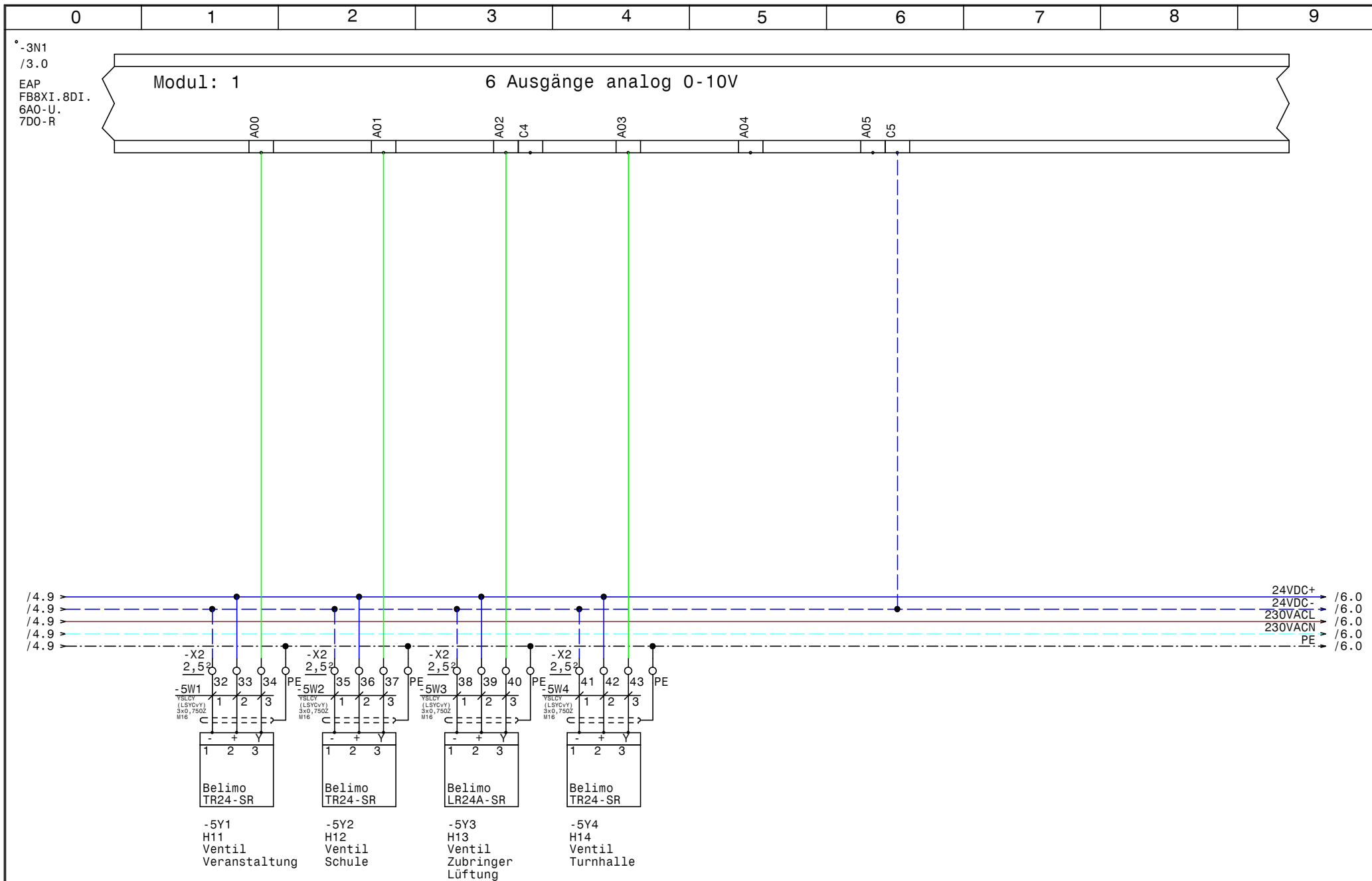
|              |     |
|--------------|-----|
| Zeichn.Nr.:  |     |
| 241/14       |     |
| Blatt 0      |     |
| von 12       | Bl. |
| www.elpe.net |     |











Datum 07.08.14  
Bearb. Hattinger  
Gepr.  
Norm

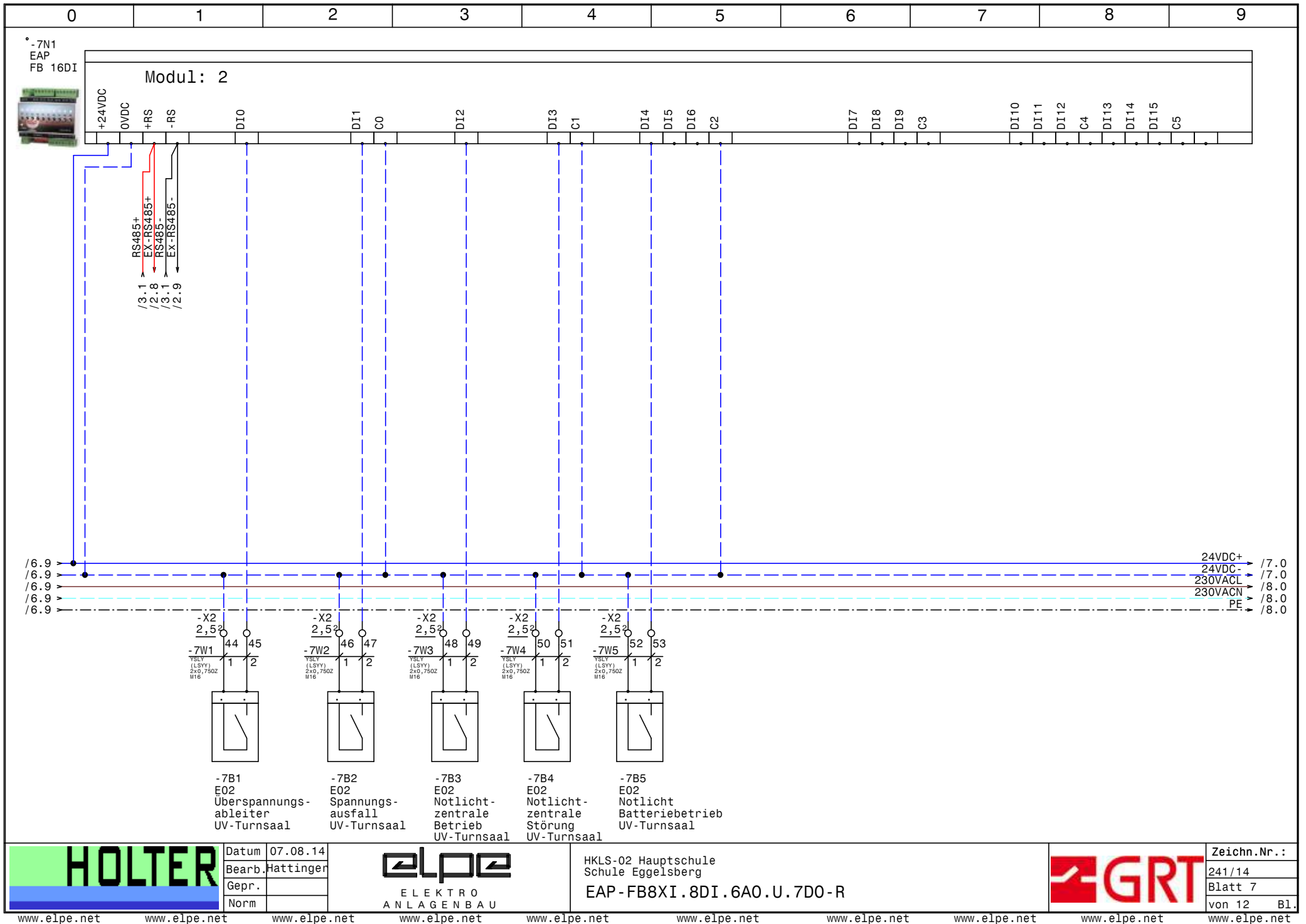
**elpe**  
ELEKTRO  
ANLAGENBAU

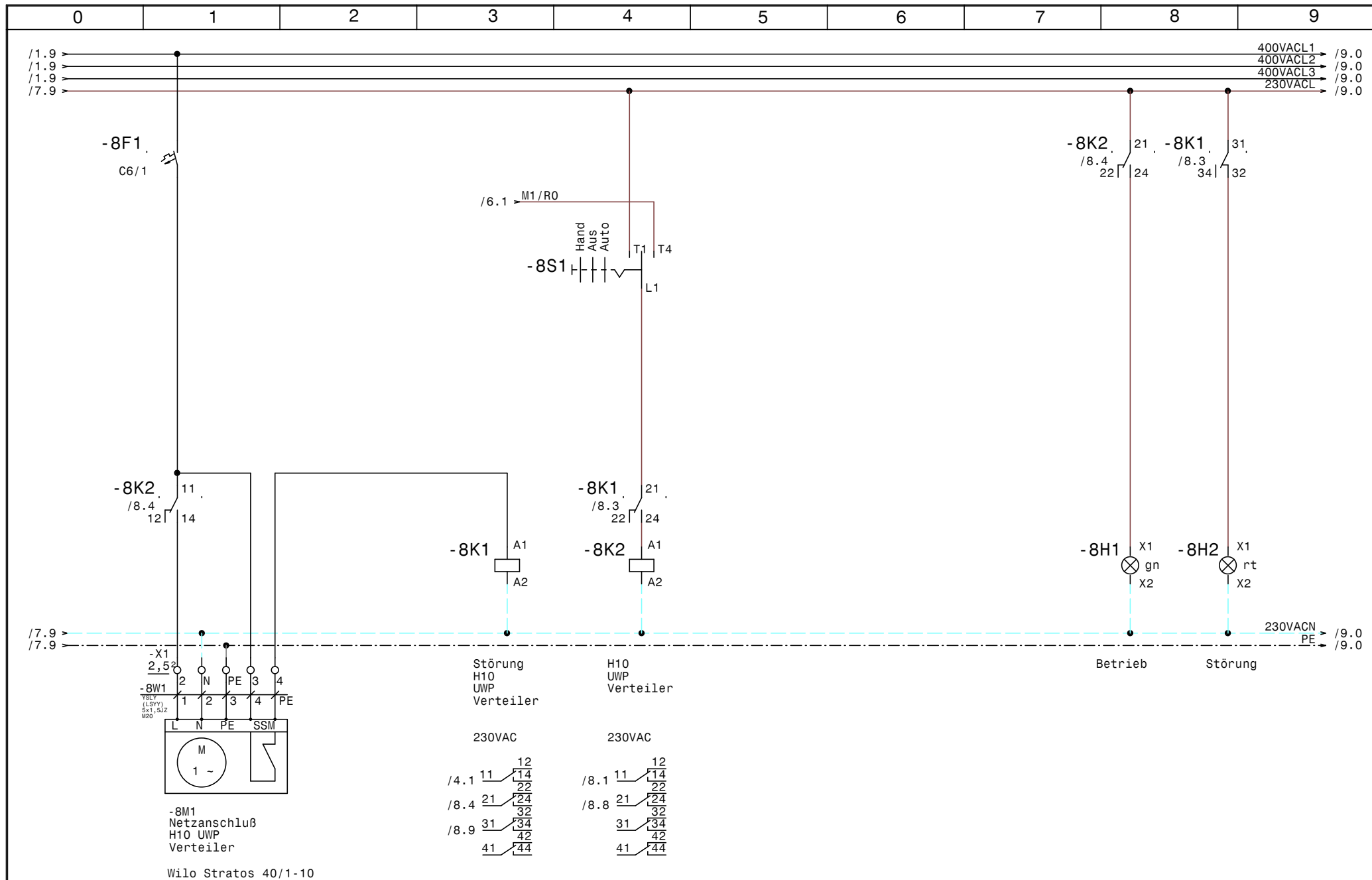
HKLS-02 Hauptschule  
Schule Eggelsberg  
EAP - FB8XI.8DI.6AO.U.7DO-R

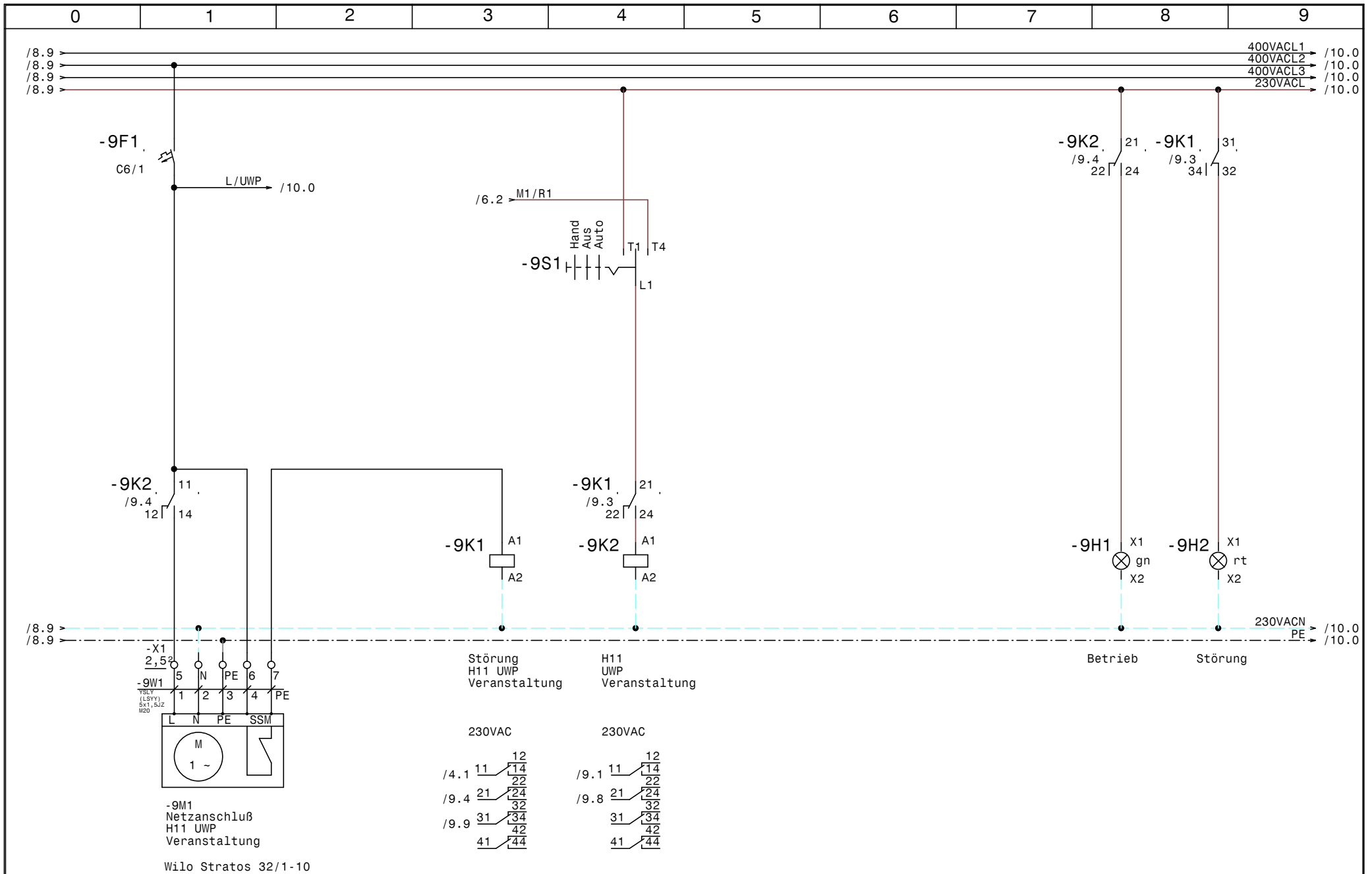


Zeichn.Nr.:  
241/14  
Blatt 5  
von 12 Bl.









|        |        |           |
|--------|--------|-----------|
| HOLTER | Datum  | 07.08.14  |
|        | Bearb. | Hattinger |
|        | Gepr.  |           |
|        | Norm   |           |



HKLS-02 Hauptschule  
Schule Eggelsberg  
**H11 UWP Veranstaltung**



|             |
|-------------|
| Zeichn.Nr.: |
| 241/14      |
| Blatt 9     |
| von 12 Bl.  |

www.elpe.net

www.elpe.net

www.elpe.net

www.elpe.net

www.elpe.net

www.elpe.net

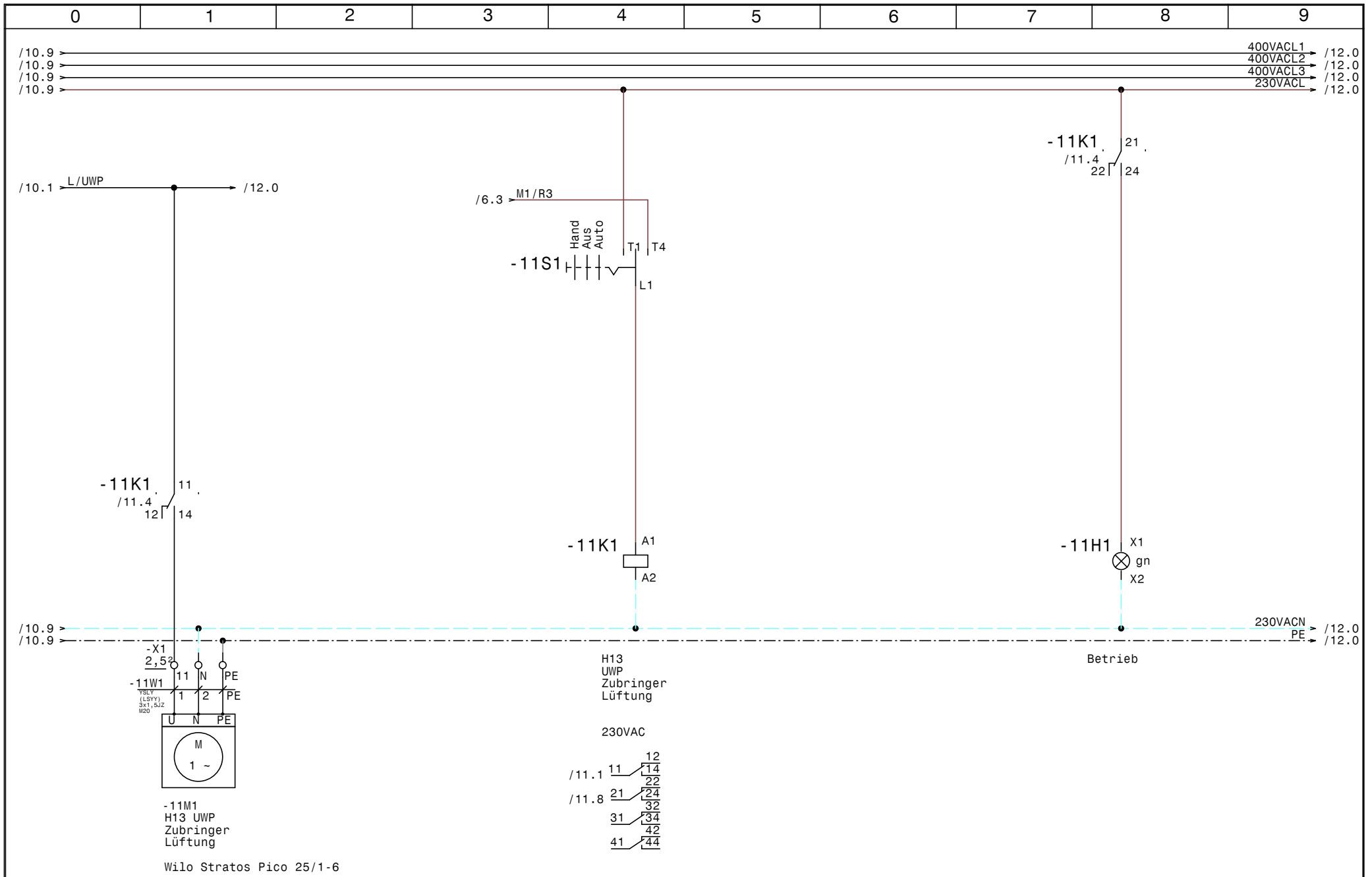
www.elpe.net

www.elpe.net

www.elpe.net

www.elpe.net





|        |           |
|--------|-----------|
| Datum  | 07.08.14  |
| Bearb. | Hattinger |
| Gepr.  |           |
| Norm   |           |



HKLS-02 Hauptschule  
Schule Eggelsberg  
**H13 UWP Zubringer Lüftung**



|             |
|-------------|
| Zeichn.Nr.: |
| 241/14      |
| Blatt 11    |
| von 12 Bl.  |



[illegible]

| 0             | 1                         | 2 | 3 | 4                                | 5 | 6                                    | 7 | 8 | 9 |
|---------------|---------------------------|---|---|----------------------------------|---|--------------------------------------|---|---|---|
| Stück<br>Zahl | Artikel<br>Bezeichnung    |   |   | Artikel<br>Beschreibung          |   | Artikel<br>Bezüge                    |   |   |   |
| 1             | LSFI C13/0,03 G           |   |   | Personenschutzschalter           |   | -1F1                                 |   |   |   |
| 4             | C6/1                      |   |   | Sicherungsautomaten              |   | -8F1, -1F2, -1F3, -9F1               |   |   |   |
| 1             |                           |   |   | Schrank- leuchte mit Steckdose   |   | -1H1                                 |   |   |   |
| 5             | Signalleuchte grün        |   |   | Signalglimmlampe grün            |   | -9H1, -10H1, -11H1, -8H1, -12H1      |   |   |   |
| 5             | Signalleuchte rot         |   |   | Signalglimmlampe rot             |   | -12H2, -9H2, -6H1, -10H2, -8H2       |   |   |   |
| 9             | Relais4polig230VAC        |   |   | Miniatur - Relais 4polig         |   | -9K1, -8K2, -8K1, -10K2, -9K2, -12K1 |   |   |   |
|               |                           |   |   |                                  |   | -12K2, -10K1, -11K1                  |   |   |   |
| 9             | Sockel 4polig             |   |   | Sockel für Minitur Relais 4polig |   |                                      |   |   |   |
| 1             | WS 6825 B=600 H=800 T=250 |   |   | Wandschrank IP 55                |   | -0N1                                 |   |   |   |
| 1             |                           |   |   | Netzteil 230VAC 24VDC            |   | -1N1                                 |   |   |   |
| 1             |                           |   |   | EAP FB8XI.8DI. 6AO-U. 7DO-R      |   | -3N1                                 |   |   |   |
| 1             |                           |   |   | EAP FB 16DI                      |   | -7N1                                 |   |   |   |
| 1             | LT40 -27,1A AC23          |   |   | Hauptschalter                    |   | -1Q1                                 |   |   |   |
| 5             | M10HEU1                   |   |   | Umschalter 1pol. 1-0-2           |   | -10S1, -11S1, -9S1, -8S1, -12S1      |   |   |   |
| 17            | M16                       |   |   | Kabelverschraubung               |   | -7W4, -3W2, -5W2, -7W2, -7W1, -5W4   |   |   |   |
|               |                           |   |   |                                  |   | -5W3, -5W1, -3W6, -3W5, -3W3, -7W5   |   |   |   |
|               |                           |   |   |                                  |   | -3W1, -2W2, -2W1, -3W4, -7W3         |   |   |   |
| 8             | M20                       |   |   | Kabelverschraubung               |   | -11W1, -1W1, -1W2, -8W1, -9W1, -10W1 |   |   |   |
|               |                           |   |   |                                  |   | -12W1, -4W1                          |   |   |   |
| 24            | EK 2,5 ge/gr              |   |   | Erdungsklemme                    |   | -X1, -X2, -X2, -X1                   |   |   |   |
| 70            | Klemme 2,5 grau           |   |   | Klemme L                         |   | -X1, -X2, -X2, -X1                   |   |   |   |
| 7             | Klemme 2,5 blau           |   |   | Klemme N                         |   | -X1, -X1                             |   |   |   |
| 1             |                           |   |   | Steckdose für Modem              |   | -1X1                                 |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |
|               |                           |   |   |                                  |   |                                      |   |   |   |