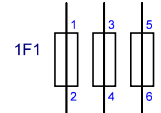
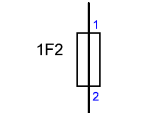
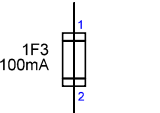
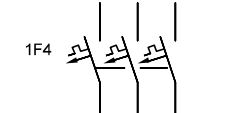
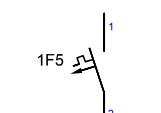
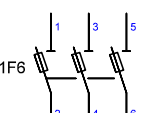
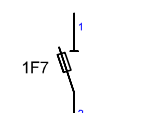
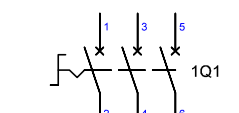
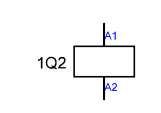
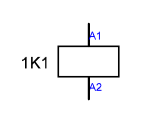
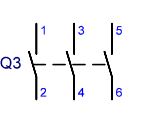
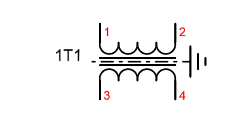
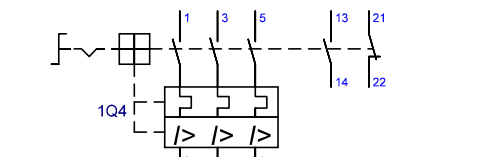
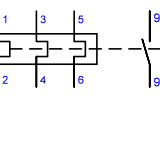
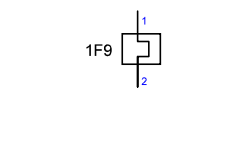
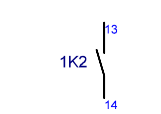
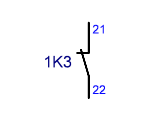
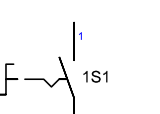
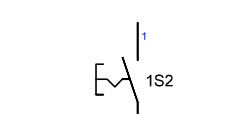
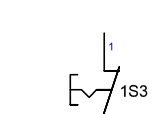
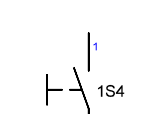
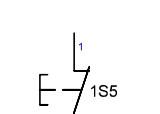
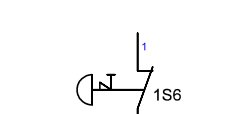
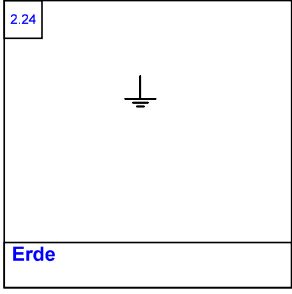
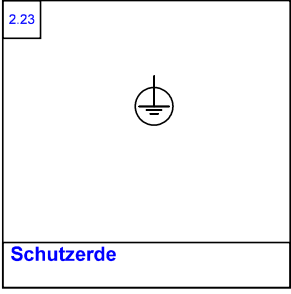
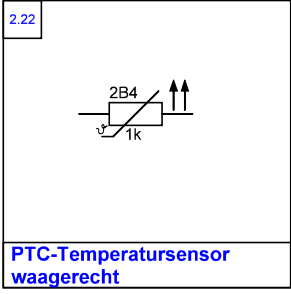
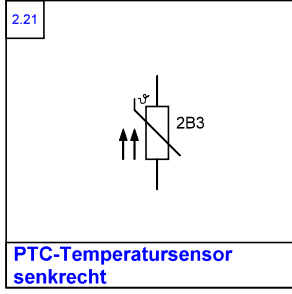
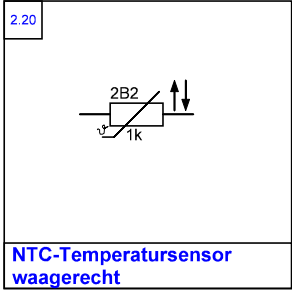
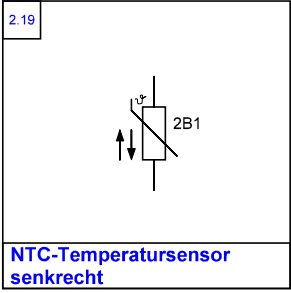
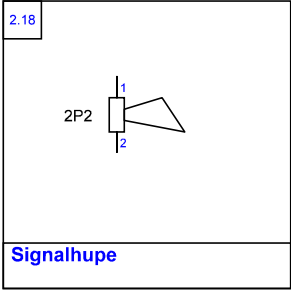
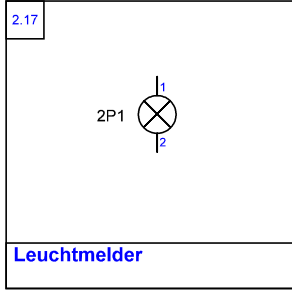
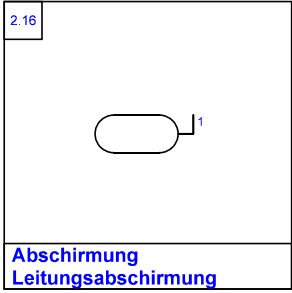
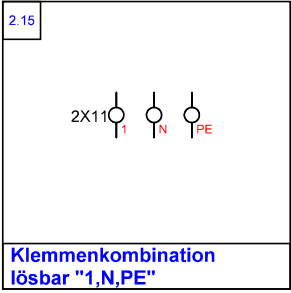
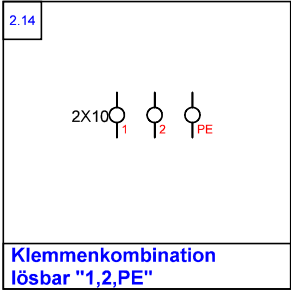
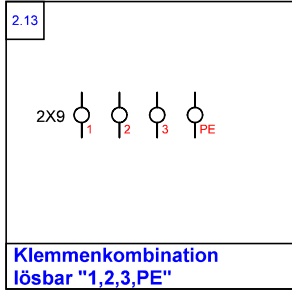
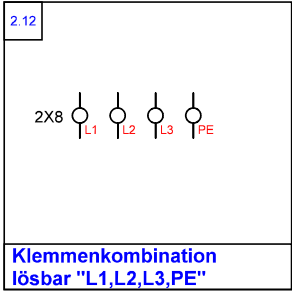
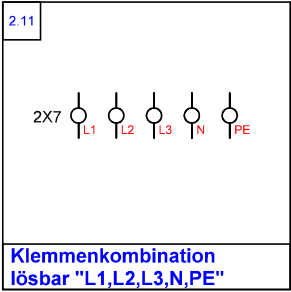
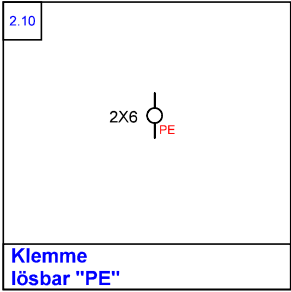
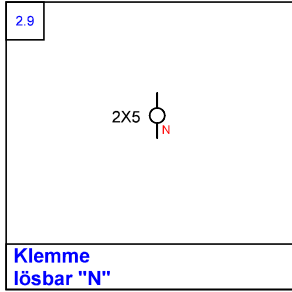
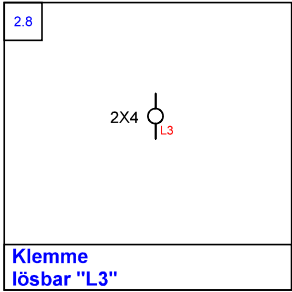
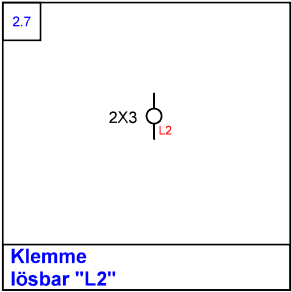
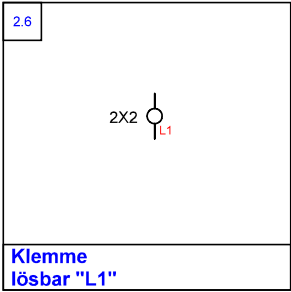
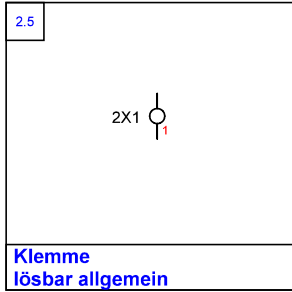
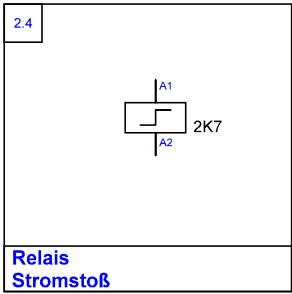
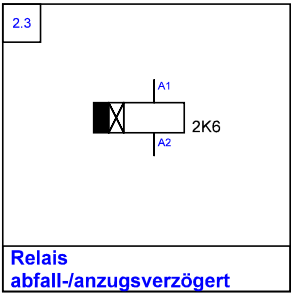
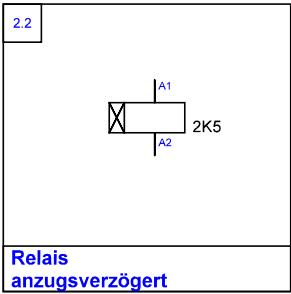
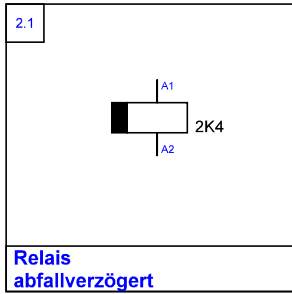
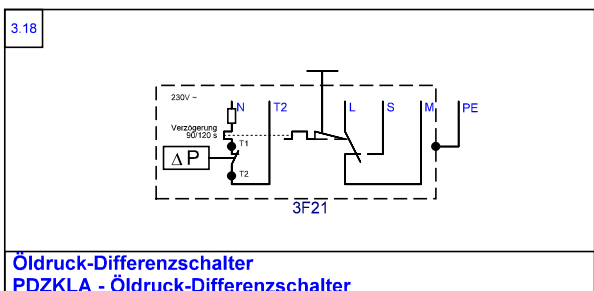
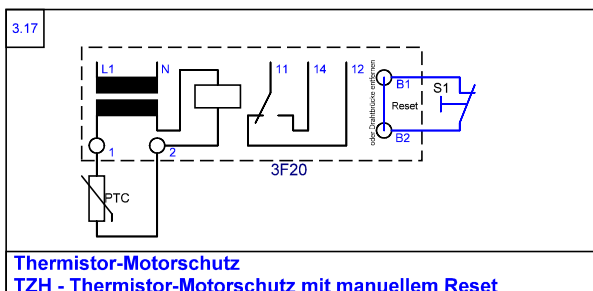
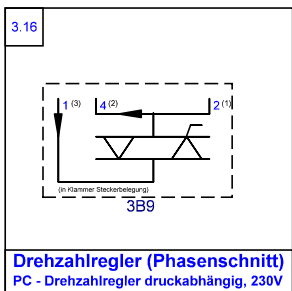
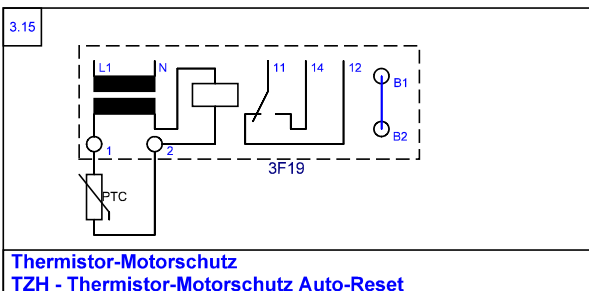
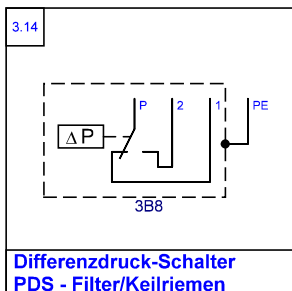
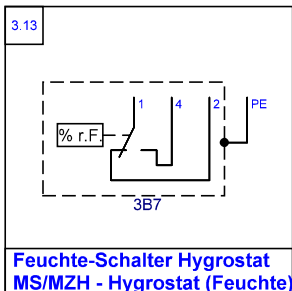
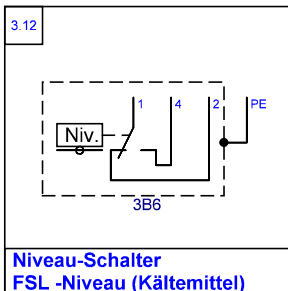
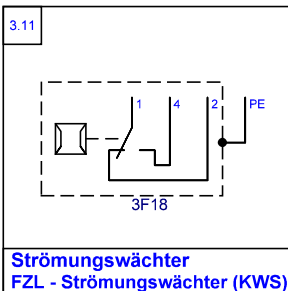
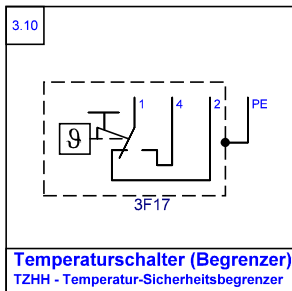
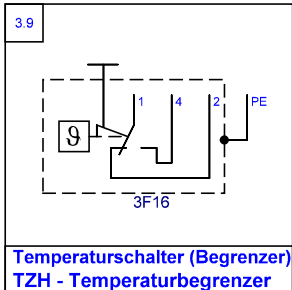
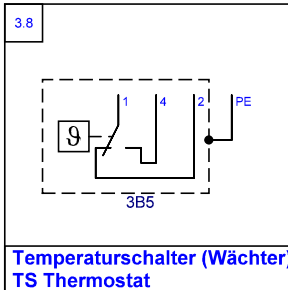
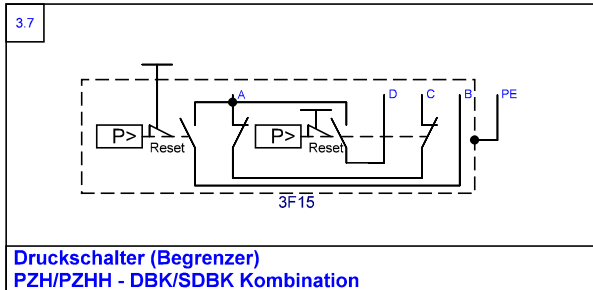
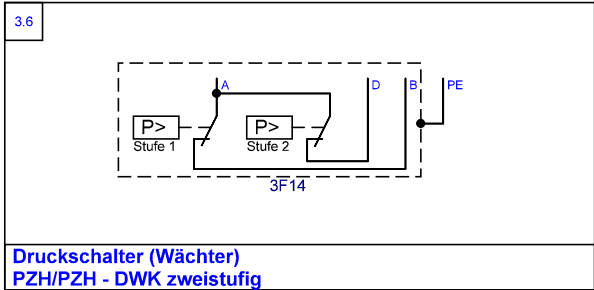
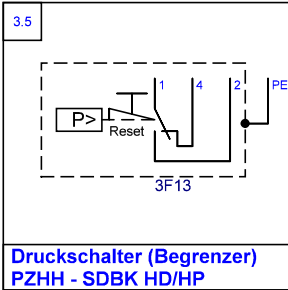
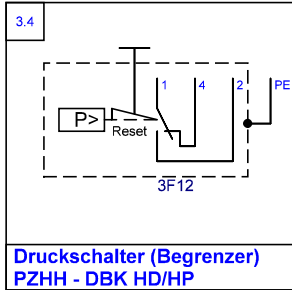
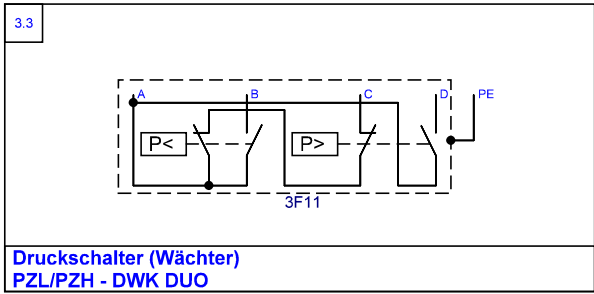
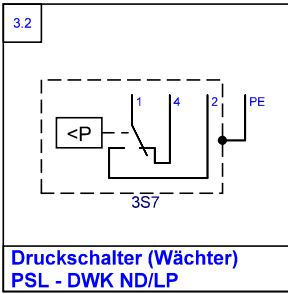
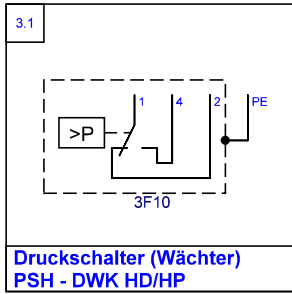


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| <p>1.2</p>  <p>Schmelzsicherung 3-polig</p> | <p>1.3</p>  <p>Schmelzsicherung 1-polig</p> | <p>1.4</p>  <p>Schmelzsicherung, fein 1-polig</p> | <p>1.5</p>  <p>Sicherungsautomat 3-polig</p> |
| <p>1.6</p>  <p>Sicherungsautomat 1-polig</p> | <p>1.7</p>  <p>Sicherungstrennschalter 3-polig</p> | <p>1.8</p>  <p>Sicherungstrennschalter 1-polig</p> | <p>1.9</p>  <p>Dreh-Rast-Schalter 3-polig</p> |
| <p>1.10</p>  <p>Last-/Leistungsschütz-Spule</p> | <p>1.11</p>  <p>Spule Relais/Schütz Steuerung/Kleinlast</p> | <p>1.12</p>  <p>Last-/Leistungsschützkontakte 3-polig</p> | <p>1.13</p>  <p>Transformator Trennung Steuerspannung</p> |
| <p>1.14</p>  <p>PKZ-Schalter (Motor- und Leitungsschutzschalter) 3-polig</p> | <p>1.15</p>  <p>Motorschutzschalter Bimetal-Relais 3-polig</p> | <p>1.16</p>  <p>Motorschutzschalter Bimetal-Relais 1-polig</p> | |
| <p>1.17</p>  <p>Kontakt (Relais/Schütz) Schließer</p> | <p>1.18</p>  <p>Kontakt (Relais/Schütz) Öffner</p> | <p>1.19</p>  <p>Dreh-Rast-Schalter 1-polig Schließer</p> | <p>1.20</p>  <p>Drucktaster rastend 1-polig Schließer</p> |
| <p>1.21</p>  <p>Drucktaster rastend 1-polig Öffner</p> | <p>1.22</p>  <p>Drucktaster 1-polig Schließer</p> | <p>1.23</p>  <p>Drucktaster 1-polig Öffner</p> | <p>1.24</p>  <p>Not-Aus-Schalter 1-polig Öffner</p> |

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| gez.: | 22.05.2010 | A. Jahnke | STÜCKLISTE | 110410_001 | 1 |
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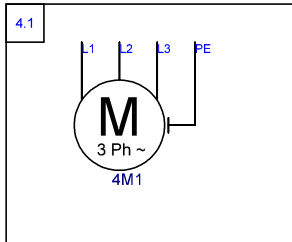


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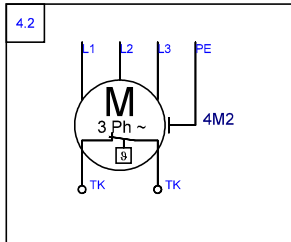


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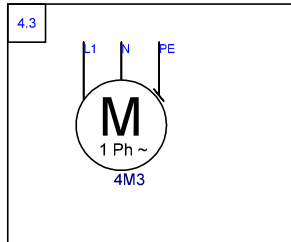
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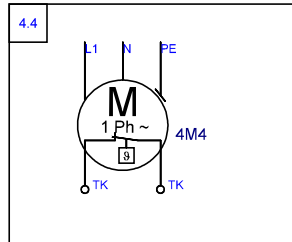
**Drehstrom-Motor Asynchron
Motor 3 Ph ~**



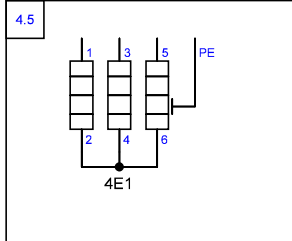
**Drehstrom-Motor Asynchron
Motor 3 Ph ~ mit Thermokontakt**



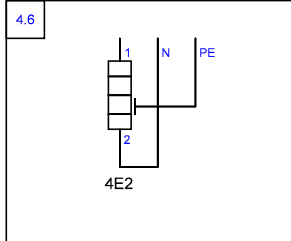
**Wechselstrom-Motor Asynchron
Motor 1 Ph ~**



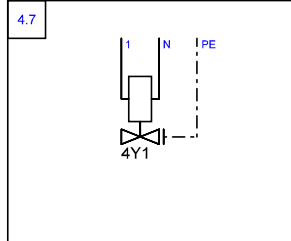
**Wechselstrom-Motor Asynchron
Motor 1 Ph ~ mit Thermokontakt**



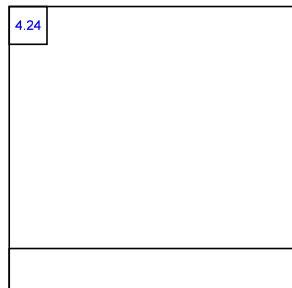
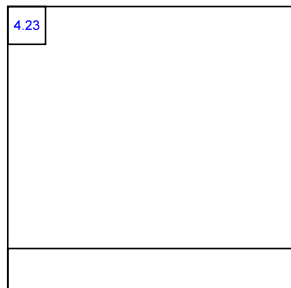
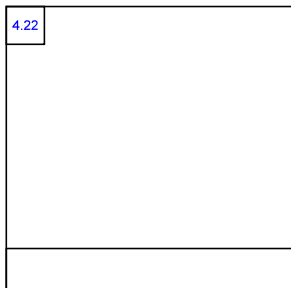
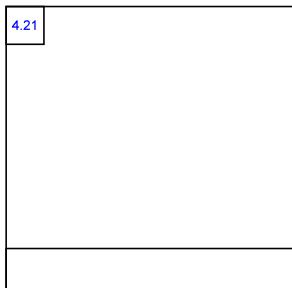
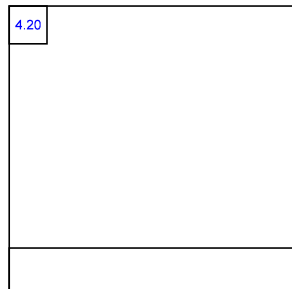
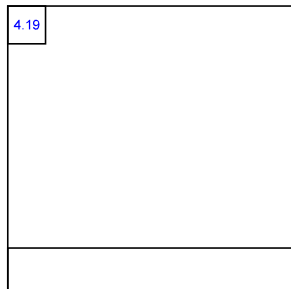
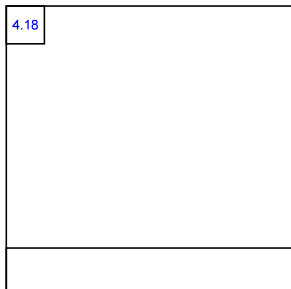
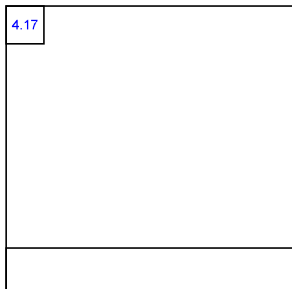
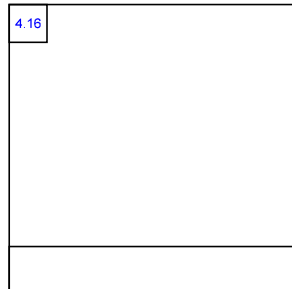
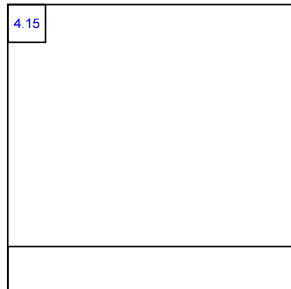
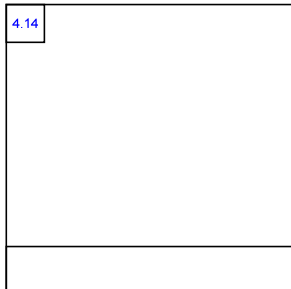
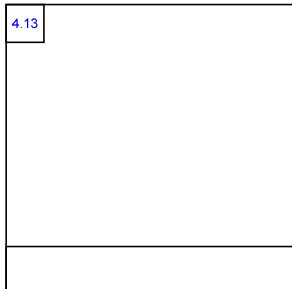
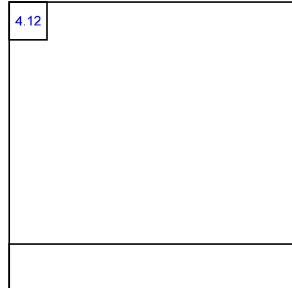
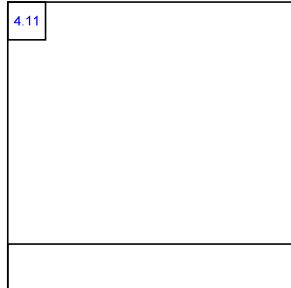
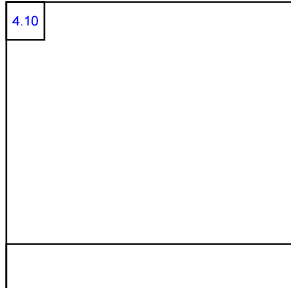
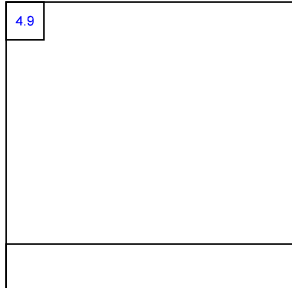
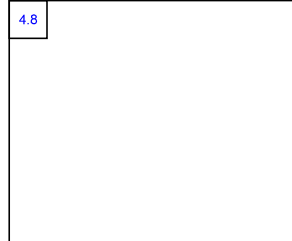
**Drehstrom-Elektro-Heizung
Heizung 3-polig**



**Wechselstrom-Elektro-Heizung
Heizung 1-polig**

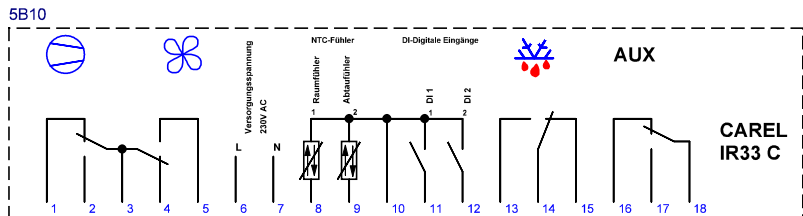


**Magnetventil
Spule Magnetventil**



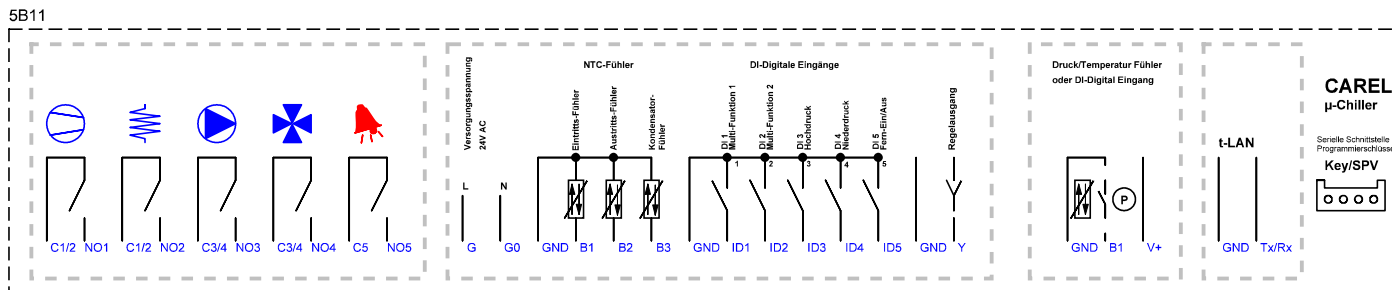
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| gez.: | 22.05.2010 | A. Jahnke | STÜCKLISTE | 110410_001 | 4 |
| gepr.: | | | Symbolaufstellung für Verdrahtungspläne gemäß DIN EN 60617 und 61346-2 | Projekt: EN 61346-2 | von |
| Norm | | | | | 6 |
| Symbolübersicht EN 60617_ EN 61346-2 1.0.spl7 | | | | | |

5.1



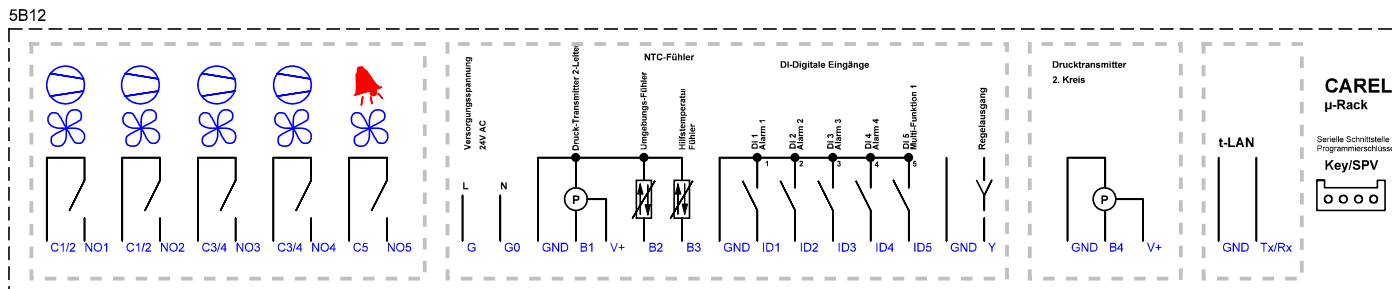
elektronischer Kühlstellenregler
CAREL Kühlstellen-Regler IR33C

5.2



elektronischer Kaltwassersatzregler
CAREL Kaltwassersatz-Regler μ-Chiller

5.3

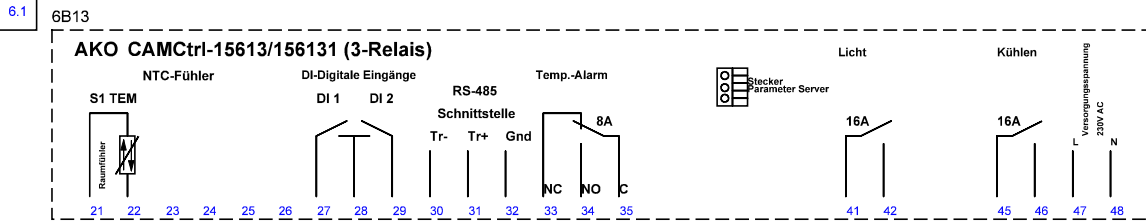


elektronischer Verbundregler
CAREL Verbundregler μ-Rack

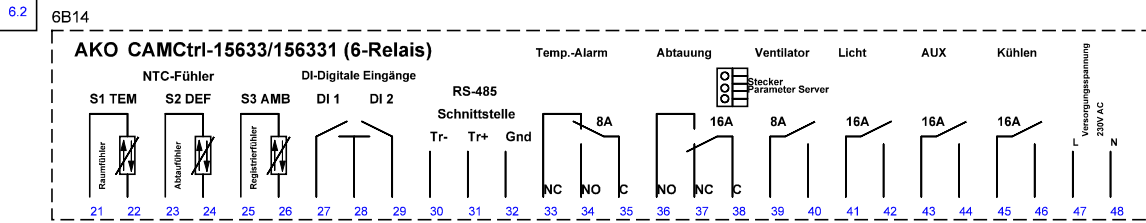
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| gez.: | 22.05.2010 | A. Jahnke |
| gepr.: | | |
| Norm | | |
| Symbolübersicht EN 60617_EN 61346-2 1.0.spl7 | | |

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| Bezeichnung | STÜCKLISTE Symbolaufstellung für RI-Fie&bilder gemäß DIN EN 1861 |
| | |

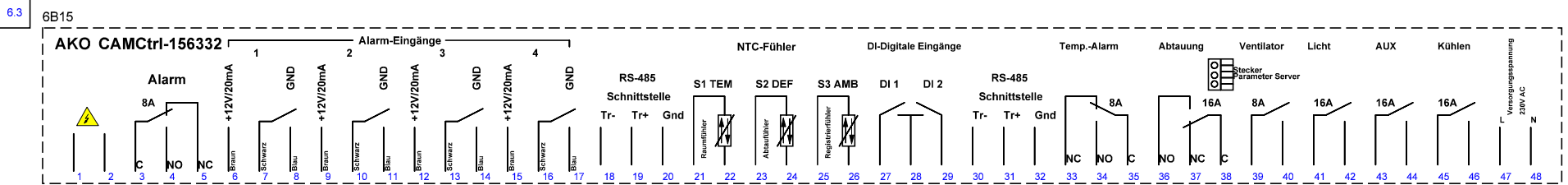
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| Zeichnungs-Nr.: | Blatt |
| 210310_001 | 5 |
| Projekt: | von |
| EN 1861 | 6 |



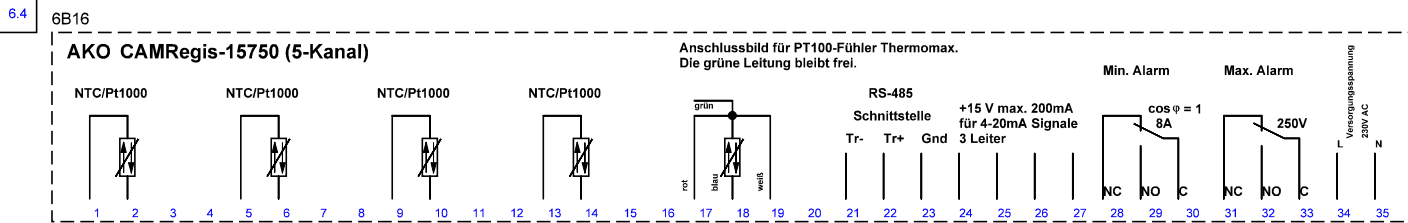
elektronischer Kühlstellenregler
AKO CAMCtrl 15613/156131 Regler



elektronischer Kühlstellenregler
AKO CAMCtrl-15633/156331 Regler



elektronischer Kühlstellenregler
AKO CAMCtrl-156332 Regler



elektronischer Daten-Logger
AKO-CAMRegis-15750/15752 Logger

| | | | | | |
|---|------------|-----------|--|---------------------|----------|
| | Datum | Name | Bezeichnung | Zeichnungs-Nr.: | Blatt |
| gez.: | 22.05.2010 | A. Jahnke | STÜCKLISTE | 210310_001 | 6 |
| gepr.: | | | Symbolaufstellung für RI-Fließbilder gemäß DIN EN 1861 | | |
| Norm | | | | Projekt: EN 1861 | von 6 |
| Symbolübersicht EN 60617_ EN 61346-2 1.0.sp17 | | | | | |