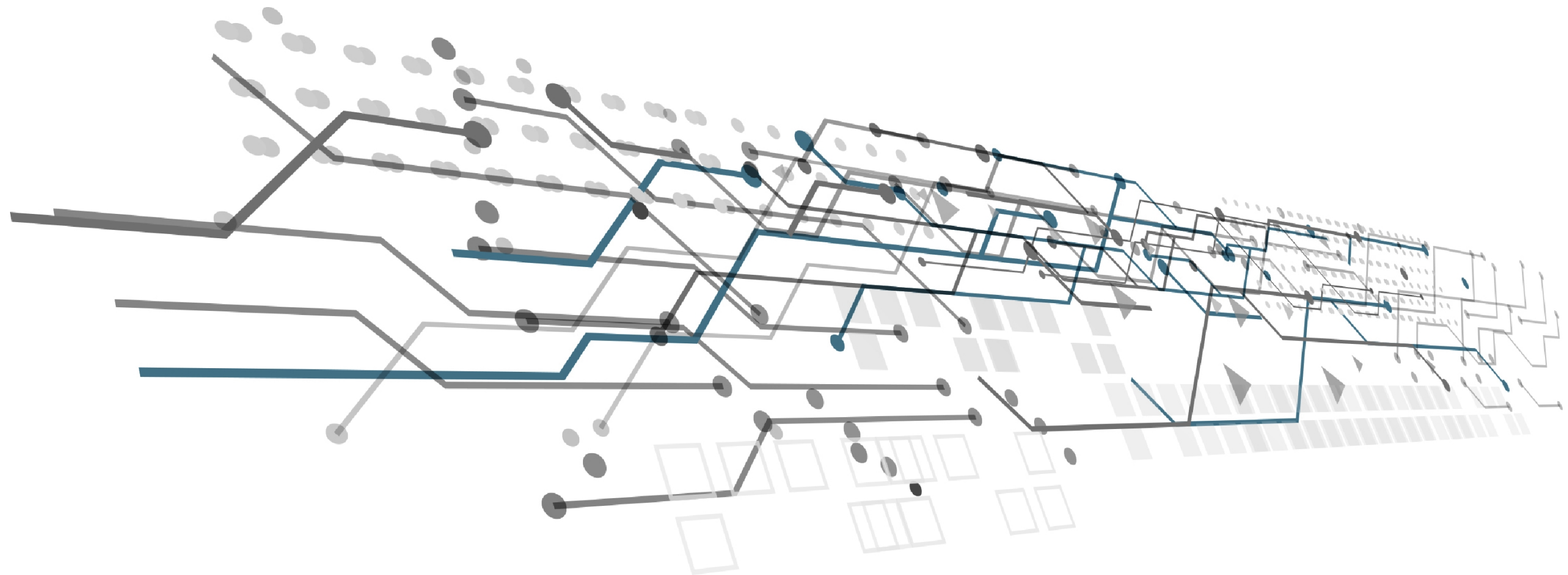


# ***VEX1000 Wiring diagram***

***Controller ready (third party AHU controller)***

***Regler bereit (Drittanbieter-RLT-Regler)***

***Contrôleur prêt (contrôleur CTA tiers)***



# VEX1000 - Customized CR (230V)

2028067

|                            |                |                                            |                           |                    |                    |
|----------------------------|----------------|--------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date: 17-06-2024    | Constructor: DKTSA | Page: 1            |
|                            |                |                                            | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 0   |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Project information         | Replaces: B               | Scale: 1:1         | Next page: 2       |
|                            |                |                                            | EC no.: -                 | Format: A3         | Pages in total: 36 |

| Page | Title <small>Note #1</small>             | <b>GB</b> | Titel                                                | <b>DE</b> | Titre                                                       | <b>FR</b> | Last edit  |
|------|------------------------------------------|-----------|------------------------------------------------------|-----------|-------------------------------------------------------------|-----------|------------|
| 1    | Project information                      |           | Projektinformationen                                 |           | Informations sur le projet                                  |           | 08-08-2024 |
| 3    | Standards                                |           | Standard                                             |           | Normes                                                      |           | 04-07-2024 |
| 4    | Standards                                |           | Standard                                             |           | Normes                                                      |           | 15-11-2024 |
| 5    | Component overview                       |           | Komponentenübersicht                                 |           | Vue d'ensemble des composants                               |           | 15-07-2025 |
| 9    | Principles for all configuration options |           | Prinzipien für alle Konfigurationsoptionen           |           | Principes pour toutes les options de configuration          |           | 04-07-2024 |
| 10   | Basic control panel 3x400V               |           | Basis-Schaltschrank 3x400V                           |           | Armoire de commande de base 3x400V                          |           | 22-05-2025 |
| 11   | Supplementary selections                 |           | Zusätzliche Auswahl                                  |           | Sélections supplémentaires                                  |           | 17-10-2025 |
| 12   | Control panel terminals                  |           | Klemmen des Schaltschranks                           |           | Bornes du tableau de commande                               |           | 22-05-2025 |
| 20   | Main current                             |           | Hauptstrom                                           |           | Courant principal                                           |           | 21-10-2025 |
| 21   | Power analyzers - 3 phase                |           | Leistungsanalysatoren - 3 Phasen                     |           | Analyseurs de puissance - triphasés                         |           | 20-05-2025 |
| 22   | Pilot current                            |           | Steuerstrom                                          |           | Courant pilote                                              |           | 21-10-2025 |
| 23   | Standard - Modbus connections            |           | Standard – Modbus-Anschlüsse                         |           | Standard – Raccordements pour modbus                        |           | 22-05-2025 |
| 24   | Standard - Fan & Rotor/Bypass controls   |           | Standard – Ventilator- und Rotor-/Bypass-Steuerungen |           | Standard – Commandes by-pass / du ventilateur et du rotor   |           | 01-07-2025 |
| 25   | Standard - Dampers                       |           | Standard – Register                                  |           | Standard - Volets                                           |           | 14-01-2025 |
| 26   | Options - Dampers                        |           | Optionen – Register                                  |           | Options - Volets                                            |           | 14-01-2025 |
| 27   | Options - Pre-heating controls           |           | Optionen – Vorheizregler                             |           | Options – Commandes de préchauffage                         |           | 15-11-2024 |
| 28   | Options - Post-heating controls          |           | Optionen – Nachheizregler                            |           | Options – Commandes de post-chauffage                       |           | 21-10-2025 |
| 29   | Options - HW/CW/CO controls              |           | Optionen – HW/CW/CO-Regler                           |           | Options – Commandes HW/CW/CO                                |           | 21-10-2025 |
| 30   | Options - Temperature & CO2 sensors      |           | Optionen – Temperatur- und CO2-Sensoren              |           | Options – Capteurs de température et de CO2                 |           | 15-11-2024 |
| 31   | Standard - Customer connections          |           | Standard – Kundenseitige Anschlüsse                  |           | Standard – Raccordements du client                          |           | 22-05-2025 |
| 40   | Standard - Dual PTH 1                    |           | Standard – Doppel-PTH 1                              |           | Standard – Double PTH 1                                     |           | 20-05-2025 |
| 41   | Standard - Dual PTH 2                    |           | Standard – Doppel-PTH 2                              |           | Standard – Double PTH 2                                     |           | 15-07-2025 |
| 42   | Option - ALC™ - Rotor deicing            |           | Option - ALC™ - Rotorenteisung                       |           | Option - ALC™ - Dégivrage du rotor                          |           | 01-07-2025 |
| 50   | Option - Coil control box layout         |           | Option – Layout des Spulensteuerkastens              |           | Option – Disposition du boîtier de commande du serpentin    |           | 17-10-2025 |
| 51   | Option - Combi Coil                      |           | Option – Kombiregister (CO)                          |           | Option - Serpentin mixte (CO)                               |           | 17-10-2025 |
| 52   | Option - Direct Expansion Heat pump      |           | Option – Heizregister für Direkte Expansion (DX)     |           | Option - Batterie de chauffage à détente directe (DX)       |           | 17-10-2025 |
| 53   | Option - Direct Expansion Cooling        |           | Option – Kühlregister für Direkte Expansion (DX)     |           | Option - Batterie de refroidissement à détente directe (DX) |           | 17-10-2025 |
|      |                                          |           |                                                      |           |                                                             |           |            |
|      |                                          |           |                                                      |           |                                                             |           |            |

|                            |                |                                            |                |            |              |       |                 |    |
|----------------------------|----------------|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 2  |
|                            |                |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 1  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Table of Contents           | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 3  |
|                            |                |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

| Identification of wires by colour (according to EN 60204-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |            |      | Note #2 |  | Labelling of cables and cores (according to IEC 62491) |             |   |                  | Note #4 |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|------|---------|--|--------------------------------------------------------|-------------|---|------------------|---------|------------------------------------------|-------|-------------------------------------------------------------------------------------|------|-----------------------------------|-------|-------------------------------------|--------|-----------------------------------------------|-----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|--------|--------|----|---------|--------------|-------|---------------------|-------|------------------------------------------|------|------------------------------------------------------------------------------|------|--------------------------------------|------|-----------------------------------------|------------|-----------------------------------|------------|--------------------|--------|---------|--------|----|------|------|------|----|-------|------|-------|----|------|------|------|----|--------------|-----------|------------|------|--------|-------|--------|-----|
| <div><div><div>Main current:</div><div>Phase:</div><div>Neutral:</div><div>Earth:</div><div>Pilot current:</div><div>Phase:</div><div>Neutral:</div><div>Earth:</div><div>Pilot current:</div><div>Positive (+):</div><div>Negative (-):</div><div>Unknown potential:</div><div>All:</div></div><div><div>Hauptstrom:</div><div>Phase:</div><div>Neutral:</div><div>Erde:</div><div>Steuerstrom:</div><div>Phase:</div><div>Neutral:</div><div>Erde:</div><div>Steuerstrom:</div><div>Positiv (+):</div><div>Negativ (-):</div><div>Unbekanntes Potenzial:</div><div>Alle:</div></div><div><div>Courant principal:</div><div>Phase :</div><div>Neutre :</div><div>Terre :</div><div>Courant pilote:</div><div>Phase :</div><div>Neutre :</div><div>Terre :</div><div>Courant pilote:</div><div>Positif (+) :</div><div>Négatif (-) :</div><div>Potentiel inconnu:</div><div>Tout:</div></div><div><div>400/230VAC</div><div>BK</div><div>BK</div><div>GNYE</div><div>230/24VAC</div><div>RD</div><div>RD</div><div>GNYE</div><div>24VDC</div><div>BU</div><div>BU</div><div>OG</div></div></div> |                                                                                     |            |      |         |  | Method CL                                              |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| <table><tr><th>Method</th><th>Description</th></tr><tr><td>0</td><td>No labelling</td></tr><tr><td>A</td><td>Use of designated cables or cores</td></tr><tr><td>R</td><td>Identification labelling by means of reference designation (including cable number)</td></tr><tr><td>CL</td><td>Local-end connection labelling</td></tr><tr><td>CR</td><td>Remote-end connection labelling</td></tr><tr><td>CB</td><td>Both-end connection labelling</td></tr><tr><td>S</td><td>Signal labelling</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |            |      |         |  | Method                                                 | Description | 0 | No labelling     | A       | Use of designated cables or cores        | R     | Identification labelling by means of reference designation (including cable number) | CL   | Local-end connection labelling    | CR    | Remote-end connection labelling     | CB     | Both-end connection labelling                 | S   | Signal labelling       | <table><tr><th>Methode</th><th>Beschreibung</th></tr><tr><td>0</td><td>Keine Kennzeichnung</td></tr><tr><td>A</td><td>Verwendung vorgesehener Kabel oder Adern</td></tr><tr><td>R</td><td>Identifikationskennzeichnung mittels Referenzbezeichnung (inkl. Kabelnummer)</td></tr><tr><td>CL</td><td>Kennzeichnung der lokalen Verbindung</td></tr><tr><td>CR</td><td>Kennzeichnung der Remote-End-Verbindung</td></tr><tr><td>CB</td><td>Beidseitige Anschlussbeschriftung</td></tr><tr><td>S</td><td>Signalbeschriftung</td></tr></table> |    |        |        |        |    | Methode | Beschreibung | 0     | Keine Kennzeichnung | A     | Verwendung vorgesehener Kabel oder Adern | R    | Identifikationskennzeichnung mittels Referenzbezeichnung (inkl. Kabelnummer) | CL   | Kennzeichnung der lokalen Verbindung | CR   | Kennzeichnung der Remote-End-Verbindung | CB         | Beidseitige Anschlussbeschriftung | S          | Signalbeschriftung |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Description                                                                         |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No labelling                                                                        |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Use of designated cables or cores                                                   |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Identification labelling by means of reference designation (including cable number) |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Local-end connection labelling                                                      |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Remote-end connection labelling                                                     |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Both-end connection labelling                                                       |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Signal labelling                                                                    |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Methode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Beschreibung                                                                        |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Keine Kennzeichnung                                                                 |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Verwendung vorgesehener Kabel oder Adern                                            |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Identifikationskennzeichnung mittels Referenzbezeichnung (inkl. Kabelnummer)        |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Kennzeichnung der lokalen Verbindung                                                |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Kennzeichnung der Remote-End-Verbindung                                             |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Beidseitige Anschlussbeschriftung                                                   |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Signalbeschriftung                                                                  |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| <table><tr><th>Méthode</th><th>Description</th></tr><tr><td>0</td><td>Pas d'étiquetage</td></tr><tr><td>A</td><td>Utilisation de câbles ou d'âmes désignés</td></tr><tr><td>R</td><td>Marquage d'identification au moyen d'une désignation de référence</td></tr><tr><td>CL</td><td>Étiquetage des connexions locales</td></tr><tr><td>CR</td><td>Étiquetage des connexions distantes</td></tr><tr><td>CB</td><td>Étiquetage des connexions aux deux extrémités</td></tr><tr><td>S</td><td>Étiquetage des signaux</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |            |      |         |  | Méthode                                                | Description | 0 | Pas d'étiquetage | A       | Utilisation de câbles ou d'âmes désignés | R     | Marquage d'identification au moyen d'une désignation de référence                   | CL   | Étiquetage des connexions locales | CR    | Étiquetage des connexions distantes | CB     | Étiquetage des connexions aux deux extrémités | S   | Étiquetage des signaux |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Méthode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Description                                                                         |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pas d'étiquetage                                                                    |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Utilisation de câbles ou d'âmes désignés                                            |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Marquage d'identification au moyen d'une désignation de référence                   |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Étiquetage des connexions locales                                                   |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Étiquetage des connexions distantes                                                 |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| CB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Étiquetage des connexions aux deux extrémités                                       |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Étiquetage des signaux                                                              |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| <div>Abbreviations of colours (according to IEC 60757)</div> <div>Note #3</div> <table><tr><td>Black</td><td>Schwarz</td><td>Noir</td><td>BK</td></tr><tr><td>Brown</td><td>Braun</td><td>Marron</td><td>BN</td></tr><tr><td>Red</td><td>Rot</td><td>Rouge</td><td>RD</td></tr><tr><td>Orange</td><td>Orange</td><td>Orange</td><td>OG</td></tr><tr><td>Yellow</td><td>Gelb</td><td>Jaune</td><td>YE</td></tr><tr><td>Green</td><td>Grün</td><td>Vert</td><td>GN</td></tr><tr><td>Blue</td><td>Blau</td><td>Bleu</td><td>BU</td></tr><tr><td>Light Blue</td><td>Hellblau</td><td>Bleu clair</td><td>BU</td></tr><tr><td>Violet</td><td>Violett</td><td>Violet</td><td>VT</td></tr><tr><td>Gray</td><td>Grau</td><td>Gris</td><td>GY</td></tr><tr><td>White</td><td>Weiß</td><td>Blanc</td><td>WH</td></tr><tr><td>Pink</td><td>Rosa</td><td>Rose</td><td>PK</td></tr><tr><td>Green/Yellow</td><td>Grün/Gelb</td><td>Vert/Jaune</td><td>GNYE</td></tr><tr><td>Light-</td><td>Hell-</td><td>-clair</td><td>LT-</td></tr></table>                                                                   |                                                                                     |            |      |         |  |                                                        |             |   |                  |         |                                          | Black | Schwarz                                                                             | Noir | BK                                | Brown | Braun                               | Marron | BN                                            | Red | Rot                    | Rouge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RD | Orange | Orange | Orange | OG | Yellow  | Gelb         | Jaune | YE                  | Green | Grün                                     | Vert | GN                                                                           | Blue | Blau                                 | Bleu | BU                                      | Light Blue | Hellblau                          | Bleu clair | BU                 | Violet | Violett | Violet | VT | Gray | Grau | Gris | GY | White | Weiß | Blanc | WH | Pink | Rosa | Rose | PK | Green/Yellow | Grün/Gelb | Vert/Jaune | GNYE | Light- | Hell- | -clair | LT- |
| Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Schwarz                                                                             | Noir       | BK   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Braun                                                                               | Marron     | BN   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Red                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rot                                                                                 | Rouge      | RD   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Orange                                                                              | Orange     | OG   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Gelb                                                                                | Jaune      | YE   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Grün                                                                                | Vert       | GN   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blau                                                                                | Bleu       | BU   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Light Blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Hellblau                                                                            | Bleu clair | BU   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Violet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Violett                                                                             | Violet     | VT   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Gray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Grau                                                                                | Gris       | GY   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Weiß                                                                                | Blanc      | WH   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Pink                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Rosa                                                                                | Rose       | PK   |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Green/Yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Grün/Gelb                                                                           | Vert/Jaune | GNYE |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| Light-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hell-                                                                               | -clair     | LT-  |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |
| <div><div>GB</div><div>All "Note #" in this document refer to non-English translations in the electrical installation instructions</div></div> <div><div>DK</div><div>Alle "Note #" i dette dokument henviser til den danske oversættelse i elektriske installationsvejledningen</div></div> <div><div>DE</div><div>Alle "Note #" in diesem Dokument beziehen sich auf die deutsche Übersetzung in der Elektroinstallationsanleitung</div></div> <div><div>NO</div><div>Alle "Note #" i dette dokumentet refererer til den norske oversettelsen i den elektriske installasjonsveiledningen</div></div> <div><div>SE</div><div>Alla "Note #" i detta dokument hänvisar till den svenska översättningen i den elektriska installationsanvisningen</div></div> <div><div>NL</div><div>Alle "Note #" in dit document verwijzen naar de Nederlandse vertaling in de elektrische installatie-instructies</div></div> <div><div>FR</div><div>Tous les "Note #" dans ce document se réfèrent à la traduction française du manuel d'installation électrique</div></div>                                   |                                                                                     |            |      |         |  |                                                        |             |   |                  |         |                                          |       |                                                                                     |      |                                   |       |                                     |        |                                               |     |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |        |        |        |    |         |              |       |                     |       |                                          |      |                                                                              |      |                                      |      |                                         |            |                                   |            |                    |        |         |        |    |      |      |      |    |       |      |       |    |      |      |      |    |              |           |            |      |        |       |        |     |

|                     |  |                                |  |                |  |              |  |                 |  |
|---------------------|--|--------------------------------|--|----------------|--|--------------|--|-----------------|--|
| <div>EXHAUSTO</div> |  | Project:                       |  | Start date:    |  | Constructor: |  | Page:           |  |
|                     |  | VEX1000 - Customized CR (230V) |  | 17-06-2024     |  | DKTSA        |  | 3               |  |
| Drawing number:     |  | Revision:                      |  | Revision date: |  | Approved by: |  | Previous page:  |  |
| 2028067             |  | C                              |  | 21-10-2025     |  | DKBP         |  | 2               |  |
|                     |  | Page Title:                    |  | Replaces:      |  | Scale:       |  | Next page:      |  |
|                     |  | Standards                      |  | B              |  | 1:1          |  | 4               |  |
|                     |  |                                |  | EC no.:        |  | Format:      |  | Pages in total: |  |
|                     |  |                                |  | -              |  | A3           |  | 36              |  |



| Component | Function <div>Note #6</div>                 | <div>GB</div> | Funktion                                             | <div>DE</div> | Fonction                                          | <div>FR</div> |
|-----------|---------------------------------------------|---------------|------------------------------------------------------|---------------|---------------------------------------------------|---------------|
| -0V       | Terminals for 0VDC                          |               | Anschlüsse für 0 V DC                                |               | Bornes pour 0VDC                                  |               |
| -24V      | Terminals for 24VDC                         |               | Anschlüsse für 24 V DC                               |               | Bornes pour 24VDC                                 |               |
| -B1.1     | Extract air temperature                     |               | Außenlufttemperatur                                  |               | Température de l'air extrait                      |               |
| -B1.2     | Exhaust air temperature                     |               | Fortlufttemperatur                                   |               | Température de l'air rejeté                       |               |
| -B2.1     | Outdoor air temperature                     |               | Außenlufttemperatur                                  |               | Température de l'air extérieur                    |               |
| -B2.2     | Heat recovery temperature                   |               | Wärmerückgewinnungstemperatur                        |               | Température de récupération de chaleur            |               |
| -B3       | Heating return water temperature sensor     |               | Temperatursensor Heizungsrücklaufwasser              |               | Capteur thermique de l'eau de retour du chauffage |               |
| -B4       | CO/CW return water temperature sensor       |               | CO/CW-Rücklauf-Temperatursensor                      |               | Capteur thermique de retour CO/CW                 |               |
| -B5       | Outdoor air temperature sensor (Pre-heater) |               | Außenluft-Temperatursensor (Vorwärmgerät)            |               | Capteur thermique d'air extérieur (préchauffage)  |               |
| -B6       | CO2 sensor                                  |               | CO2-Sensor                                           |               | Capteur CO2                                       |               |
| -B7       | Duct temperature sensor                     |               | Kanaltemperatursensor                                |               | Capteur de température de conduit                 |               |
| -B8       | CO supply water temperature sensor          |               | CO-Vorlauf-Temperatursensor                          |               | Capteur thermique d'alimentation en CO            |               |
| -BP1      | DualPTH 1                                   |               | DualPTH 1                                            |               | DualPTH 1                                         |               |
| -BP2      | DualPTH 2                                   |               | DualPTH 2                                            |               | DualPTH 2                                         |               |
| -BP3      | DualPTH 3                                   |               | DualPTH 3                                            |               | DualPTH 3                                         |               |
| -E1       | Cabinet heater                              |               | Schaltschrankheizung                                 |               | Chauffage de l'armoire                            |               |
| -E2       | Change over coils                           |               | Change-Over-Register                                 |               | Serpentin de commutation                          |               |
| -E3       | Electric pre-heating                        |               | Elektrisches Vorheizen                               |               | Préchauffage électrique                           |               |
| -E4       | Electric post-heating                       |               | Elektrisches Nachheizen                              |               | Post-chauffage électrique                         |               |
| -F1       | MCB for Exhaust air fan                     |               | Miniaturleistungsschalter für Fortluftventilator     |               | MCB pour ventilateur de rejet extérieur           |               |
| -F2       | MCB for Supply air fan                      |               | Miniaturleistungsschalter für Zuluftventilator       |               | MCB pour ventilateur d'air soufflé                |               |
| -F3       | MCB for Rotor/Control systems               |               | Miniaturleistungsschalter für Rotor-/Reglersysteme   |               | MCB pour rotor/systèmes de régulation             |               |
| -F4       | MCB for Circulation pumps                   |               | Miniaturleistungsschalter für Umwälzpumpe            |               | MCB pour pompe de circulation                     |               |
| -F5       | MCB for Power analyzer                      |               | Miniaturleistungsschalter für Leistungsanalysator    |               | MCB pour analyseur de puissance                   |               |
| -F10      | MCB for Electric post-heating               |               | Miniaturleistungsschalter für Elektrisches Vorheizen |               | MCB pour préchauffage électrique                  |               |
| -G1       | Heating circulation pump                    |               | Heizungsumwälzpumpe                                  |               | Pompe de circulation du chauffage                 |               |
| -G2       | CW/CO/DX circulation pump                   |               | CW/CO/DX-Umwälzpumpe                                 |               | Pompe de circulation CW/CO/DX                     |               |
| -K1       | AHU Controller                              |               | Regler für RLT                                       |               | Contrôleur CTA                                    |               |
| -K2       | EXT module for Change over                  |               | EXT-Modul für Change-Over                            |               | Module EXT pour inversion                         |               |

|                            |                |                                            |                |            |              |       |                 |    |
|----------------------------|----------------|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 5  |
|                            |                |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 4  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Component overview          | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 6  |
|                            |                |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

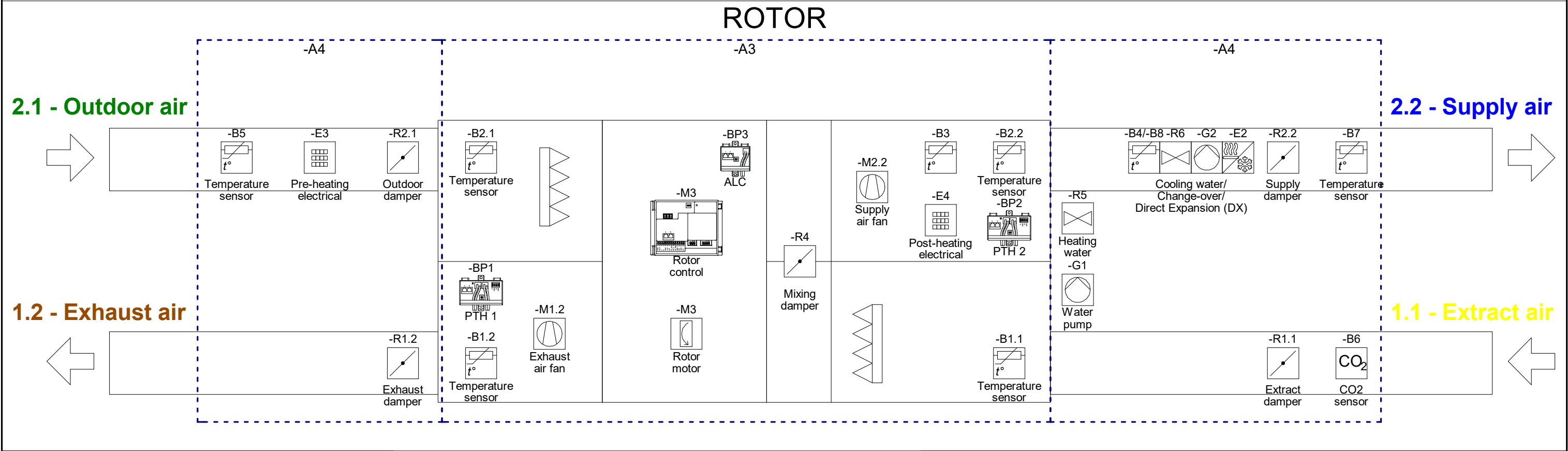
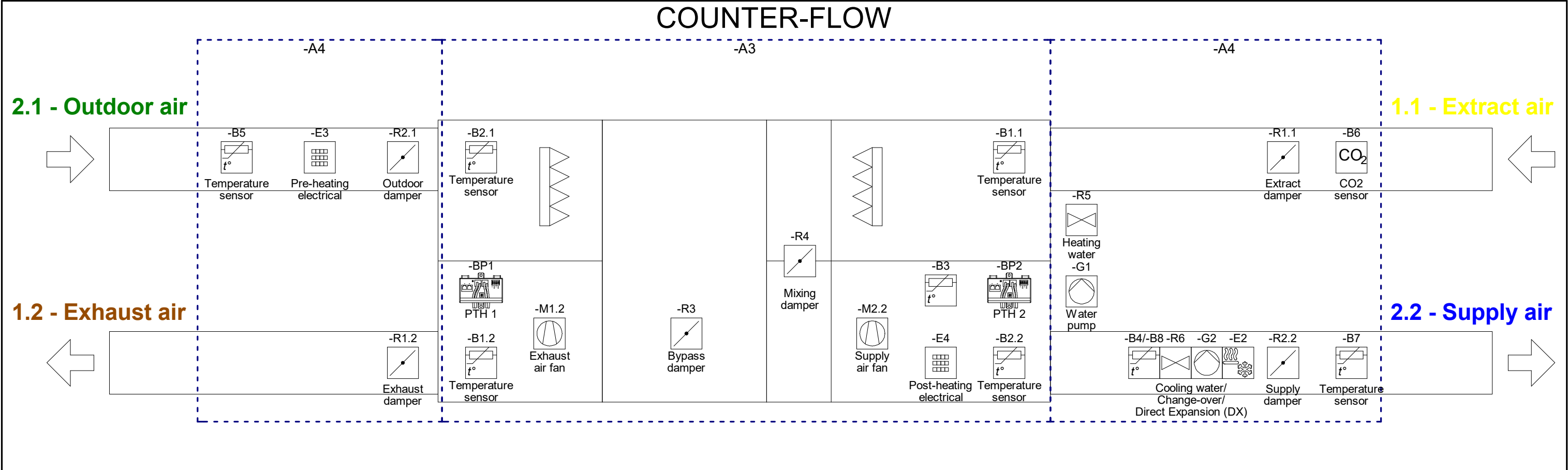
| Component | Function <div>Note #6</div>         | <div>GB</div> | Funktion                                   | <div>DE</div> | Fonction                                          | <div>FR</div> |
|-----------|-------------------------------------|---------------|--------------------------------------------|---------------|---------------------------------------------------|---------------|
| -K10      | Power analyzer main power           |               | Leistungsanalysator Hauptstromversorgung   |               | Analyseur de puissance alimentation principale    |               |
| -K11      | Power analyzer electric heater      |               | Leistungsanalysator elektrische Heizung    |               | Analyseur de puissance de chauffage électrique    |               |
| -M1.2     | Exhaust air fan                     |               | Fortluftventilator                         |               | Ventilateur d'évacuation de l'air                 |               |
| -M2.2     | Supply air fan                      |               | Zuluftventilator                           |               | Ventilateur d'air soufflé                         |               |
| -M3       | Rotor                               |               | Rotor                                      |               | Rotor                                             |               |
| -Q1       | Supply disconnecting device         |               | Versorgungstrennvorrichtung                |               | Dispositif de coupure de l'alimentation           |               |
| -R1.1     | Extract air damper (ALC™)           |               | Abluftregister (ALC™)                      |               | Volet d'air extrait (ALC™)                        |               |
| -R1.2     | Exhaust air damper                  |               | Fortluftregister                           |               | Volet d'air rejeté                                |               |
| -R2.1     | Outdoor air damper                  |               | Außenluftregister                          |               | Volet d'air extérieur                             |               |
| -R2.2     | Supply air damper                   |               | Zuluftregister                             |               | Volet d'air soufflé                               |               |
| -R3       | Bypass damper                       |               | Bypassregister                             |               | Volet de dérivation                               |               |
| -R4       | Mixing air damper                   |               | Mischluftregister                          |               | Volets d'air de recirculation                     |               |
| -R5       | Valve HW                            |               | Ventil HW                                  |               | Vanne HW                                          |               |
| -R6       | Valve CW                            |               | Ventil CW                                  |               | Vanne CW                                          |               |
| -R7       | Valve CO/DX                         |               | Ventil CO/DX                               |               | Vanne CO/DX                                       |               |
| -S1       | Touch panel                         |               | Bedienfeld mit Touchscreen                 |               | Écran tactile                                     |               |
| -S2       | CO system alarm                     |               | CO-Systemalarm                             |               | Système d'alarme CO                               |               |
| -S3       | DX control Heat pump                |               | DX-Steuerung Wärmepumpe                    |               | Pompe à chaleur à régulation DX                   |               |
| -T1       | Power supply 230VAC/24VDC           |               | Stromversorgung 230 V AC/24 V DC           |               | Alimentation 230 V CA/24 V CC                     |               |
| -T10      | Current transformer main power      |               | Stromtransformator Hauptstromversorgung    |               | Transformateur de courant alimentation principale |               |
| -T11      | Current transformer electric heater |               | Stromtransformator für elektrische Heizung |               | Transformateur de courant chauffage électrique    |               |
| -X1.1     | Aggregate power terminals           |               | Klemmen für Gerätestrom                    |               | Bornes de puissance agrégées                      |               |
| -X1.2     | Aggregate signal terminals          |               | Klemmen für Gerätesignal                   |               | Bornes de signal agrégées                         |               |
| -X1.3     | Modbus splitter 9 x Molex           |               | Modbus-Splitter 9 x Molex                  |               | Répartiteur Modbus 9 x Molex                      |               |
| -X1       | Aggregate power & signal terminals  |               | Klemmen für Gerätestrom und -signal        |               | Bornes d'alimentation et de signal agrégées       |               |
| -X2       | Air dampers terminals               |               | Klemmen für Luftklappen                    |               | Bornes des volets d'air                           |               |
| -X3       | Pre-HE signal terminals             |               | Vor-HE-Signalklemmen                       |               | Bornes de signal de pré-CH                        |               |
| -X4       | Post-HE power terminals             |               | Post-HE Stromklemmen                       |               | Bornes d'alimentation de post-CH                  |               |
| -X5       | HW - Power & signal terminals       |               | HW – Strom- und Signalklemmen              |               | HW – Bornes d'alimentation et de signal           |               |

|                            |                |                                            |                |            |              |       |                 |    |
|----------------------------|----------------|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 6  |
|                            |                |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 5  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Component overview          | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 7  |
|                            |                |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |



# Principles

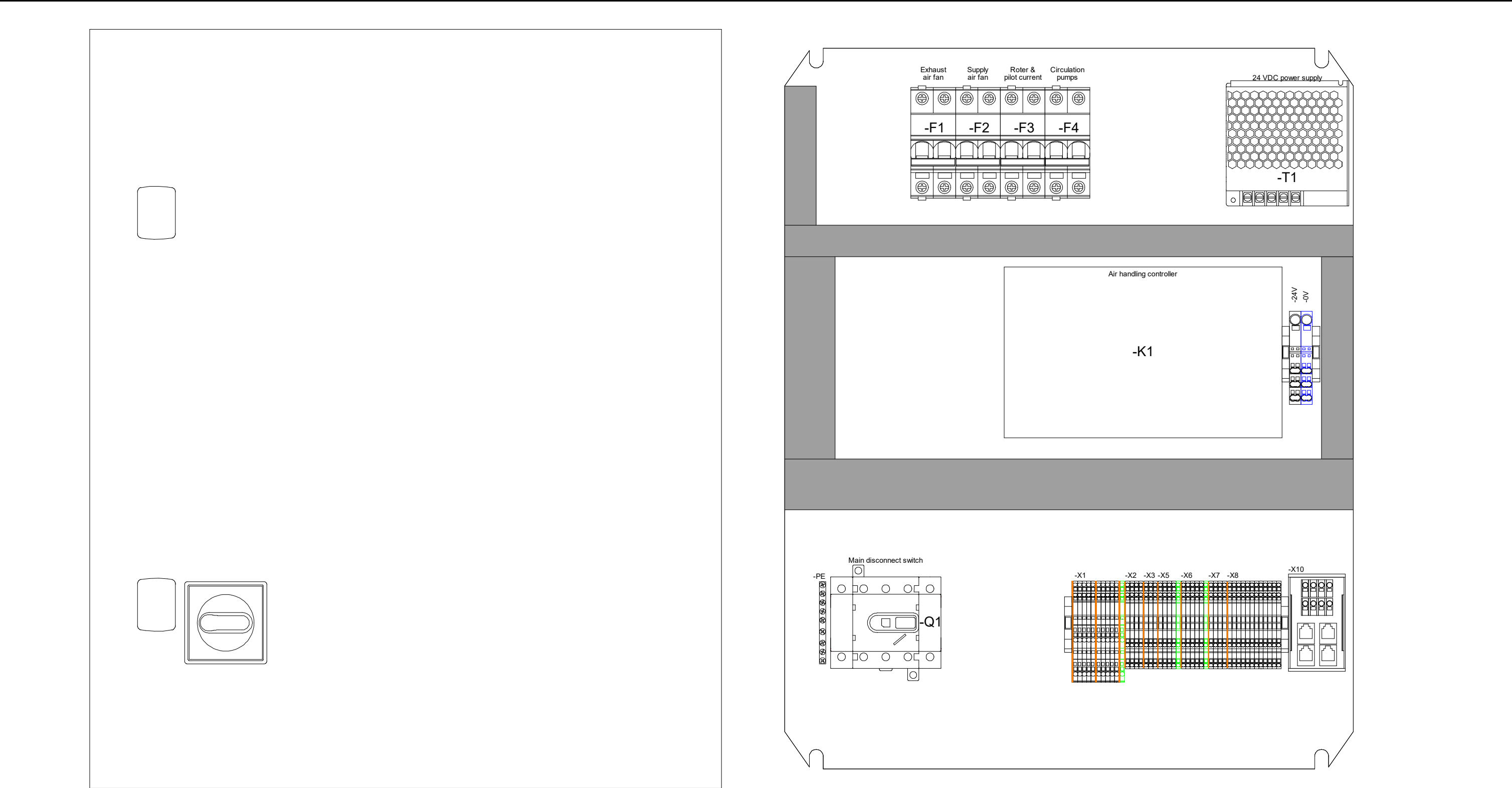
|                            |                |                                            |                           |                    |                    |
|----------------------------|----------------|--------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date: 17-06-2024    | Constructor: DKTSA | Page: Principles   |
|                            |                |                                            | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 7   |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Principles                  | Replaces: B               | Scale: 1:1         | Next page: 9       |
|                            |                |                                            | EC no.: -                 | Format: A3         | Pages in total: 36 |



|                 |           |                                                   |                |            |              |       |                 |    |
|-----------------|-----------|---------------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <b>EXHAUSTO</b> |           | Project:<br><b>VEX1000 - Customized CR (230V)</b> | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 9  |
|                 |           |                                                   | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 7  |
| Drawing number: | Revision: | Page Title:                                       | Replaces:      | B          | Scale:       | 1:5   | Next page:      | 10 |
| <b>2028067</b>  | <b>C</b>  | <b>Principles for all configuration options</b>   | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

# Arrangement drawings

|                            |                |                                            |                           |                    |                    |
|----------------------------|----------------|--------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date: 17-06-2024    | Constructor: DKTSA | Page: Arrangement  |
|                            |                |                                            | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 9   |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Arrangement drawings        | Replaces: B               | Scale: 1:1         | Next page: 10      |
|                            |                |                                            | EC no.: -                 | Format: A3         | Pages in total: 36 |



|                            |                |                                            |                |            |              |       |                 |    |
|----------------------------|----------------|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 10 |
|                            |                |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 9  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Basic control panel 3x400V  | Replaces:      | B          | Scale:       | 1:3   | Next page:      | 11 |
|                            |                |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

Supplementary selections

Option 1: Power supply Electric heater (HE)

- F10 Circuit breaker 4P
- X4 Wire terminals

Option 2: Power analyser Main power (PAM)

- K10 Three-phase power analyser
- T10 Three-phase current transformers 125A
- F5 Circuit breaker 4P C2A

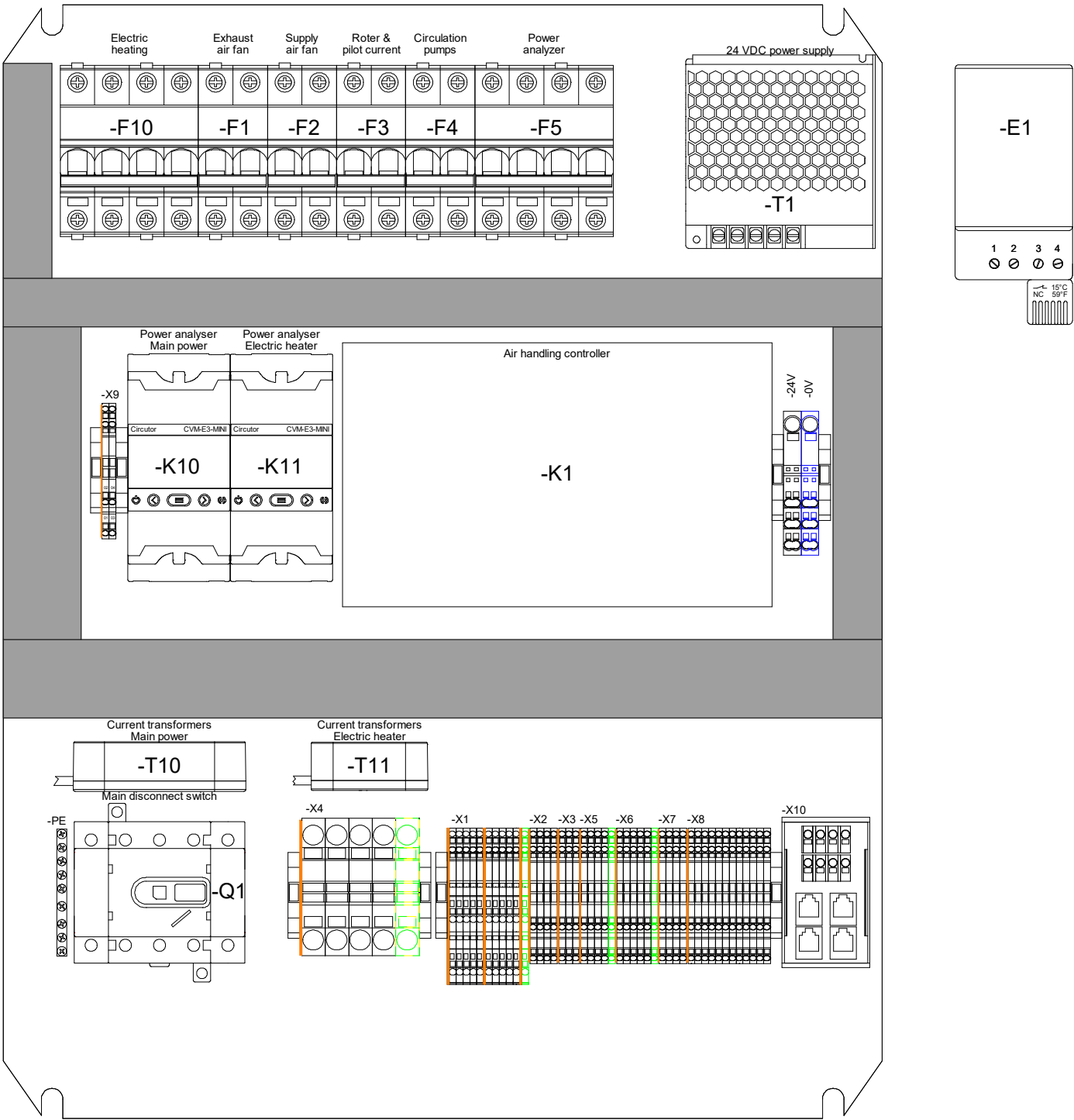
Option 3: Power analyser Electric heater (PAH)

- K11 Three-phase power analyser
- T11 Three-phase current transformers 63A

Option 3 is not selectable without option 1 and 2.

Option 4: Control panel heater

- E1 Control panel heater



**EXHAUSTO**

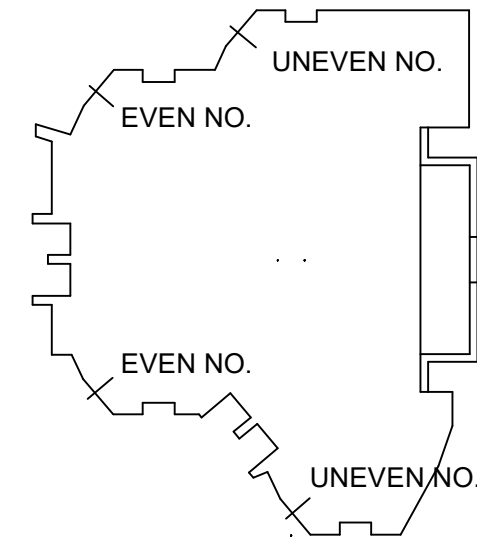
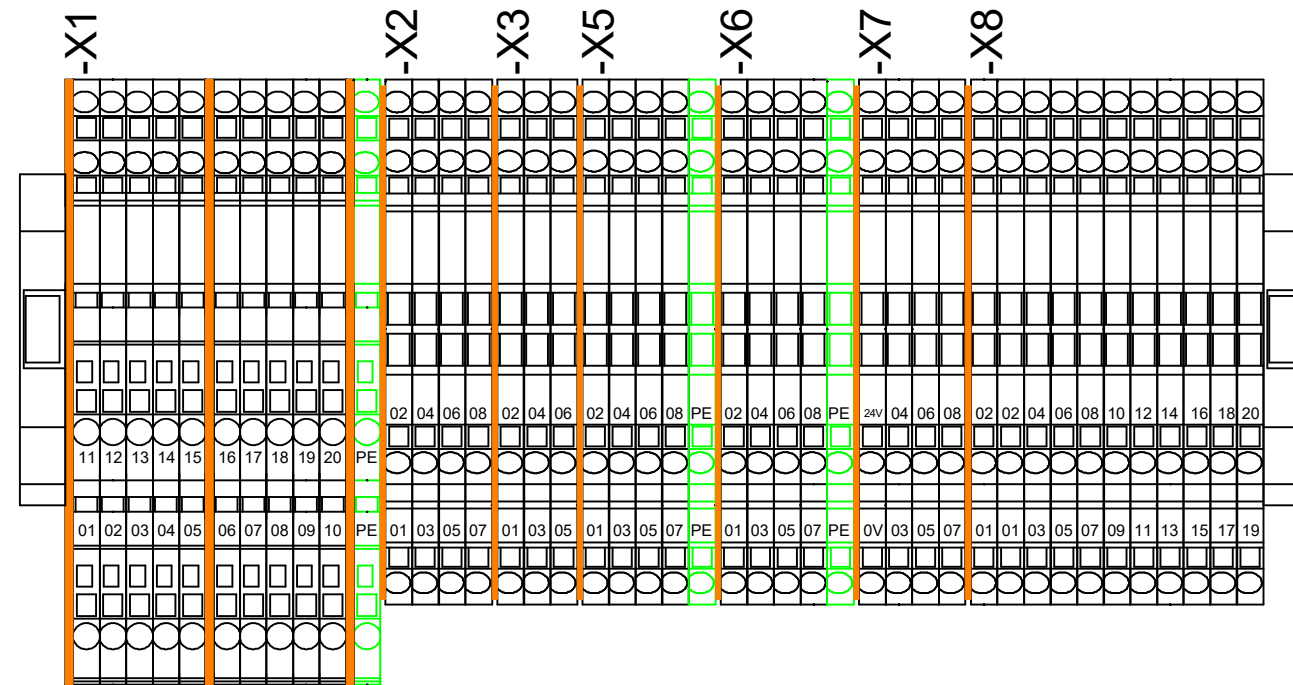
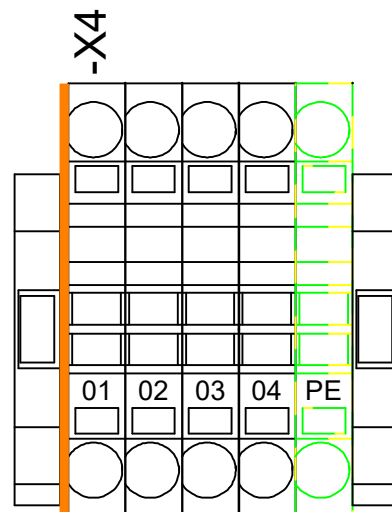
Project:  
VEX1000 - Customized CR (230V)

|                |            |              |       |                 |    |
|----------------|------------|--------------|-------|-----------------|----|
| Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 11 |
| Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 10 |
| Replaces:      | B          | Scale:       | 1:3   | Next page:      | 12 |
| EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

Drawing number:  
2028067

Revision:  
C

Page Title:  
Supplementary selections



|                                         |                                        |                                       |                                               |
|-----------------------------------------|----------------------------------------|---------------------------------------|-----------------------------------------------|
| -X1:01 -M1.2 Exhaust air fan L1         | -X2:01 -R1.1 Extract air damper 0V     | -X5:01 -R1 Valve HW 0V                | -X7:01 -B5 Pre-heater temperature sensor -    |
| -X1:02 -M1.2 Exhaust air fan L2         | -X2:03 -R1.1 Extract air damper 24V    | -X5:02 -R1 Valve HW 24V               | -X7:02 -B5 Pre-heater temperature sensor -    |
| -X1:03 -M1.2 Exhaust air fan L3         | -X2:05 -R1.1 Extract air damper B-     | -X5:03 -R1 Valve HW Signal            | -X7:03 -B6 CO2 sensor GND                     |
| -X1:04 -M2.2 Supply air fan L1          | -X2:07 -R1.1 Extract air damper A+     | -X5:04 -R1 Valve HW Not used          | -X7:04 -B6 CO2 sensor OUT                     |
| -X1:05 -M2.2 Supply air fan L2          | -X2:02 -R2.2 Supply air damper 0V      | -X5:05 -G1 HW circulation pump NC     | -X7:05 -B6 CO2 sensor +VCC                    |
| -X1:06 -M2.2 Supply air fan L3          | -X2:04 -R2.2 Supply air damper 24V     | -X5:06 -G1 HW circulation pump COM    | -X7:06 - Spare terminal                       |
| -X1:07 -M3 Rotor L                      | -X2:06 -R2.2 Supply air damper B-      | -X5:07 -G1 HW circulation pump L      | -X7:07 -B7 Duct temperature sensor -          |
| -X1:08 -M3 Rotor N                      | -X2:08 -R2.2 Supply air damper A+      | -X5:08 -G1 HW circulation pump N      | -X7:08 -B7 Duct temperature sensor -          |
| -X1:09 -MB Modbus 0V                    | -X3:01 -E3 Electric pre-heating 0-10V  | -X5:PE -G1 HW circulation pump PE     | -X8:0V Customer connections 24V power supply  |
| -X1:10 -MB Modbus 24V                   | -X3:02 -E3 Electric pre-heating GND    | -X6:01 -R2 Valve CW/CO 0V             | -X8:24V Customer connections 24V power supply |
| -X1:11 -MB Modbus B-                    | -X3:03 -E3 Electric pre-heating Fire   | -X6:02 -R2 Valve CW/CO 24V            | -X8:01 Customer connections Fire alarm input  |
| -X1:12 -MB Modbus A+                    | -X3:04 -E3 Electric pre-heating Fail   | -X6:03 -R2 Valve CW/CO Signal         | -X8:02 Customer connections Fire alarm input  |
| -X1:13 -E4 Electric post-heating 0-10V  | -X3:05 -E3 Electric pre-heating Run OK | -X6:04 -R2 Valve CW/CO Not used       | -X8:03 Customer connections Option input 1    |
| -X1:14 -E4 Electric post-heating GND    | -X3:06 -E3 Electric pre-heating Run OK | -X6:05 -G2 CW/CO circulation pump NC  | -X8:04 Customer connections Option input 1    |
| -X1:15 -E4 Electric post-heating Fire   | -X4:01 -E4 PWR Electric heating L1     | -X6:06 -G2 CW/CO circulation pump COM | -X8:05 Customer connections Option input 2    |
| -X1:16 -E4 Electric post-heating Fail   | -X4:02 -E4 PWR Electric heating L2     | -X6:07 -G2 CW/CO circulation pump L   | -X8:06 Customer connections Option input 2    |
| -X1:17 -E4 Electric post-heating Run OK | -X4:03 -E4 PWR Electric heating L3     | -X6:08 -G2 CW/CO circulation pump N   | -X8:07 Customer connections Option input 3    |
| -X1:18 -E4 Electric post-heating Run OK | -X4:04 -E4 PWR Electric heating N      | -X6:PE -G2 CW/CO circulation pump PE  | -X8:08 Customer connections Option input 3    |
| -X1:19 -B3 Temperature sensor -         | -X4:PE -E4 PWR Electric heating PE     |                                       | -X8:09 Customer connections Option input 4    |
| -X1:20 -B3 Temperature sensor -         |                                        |                                       | -X8:10 Customer connections Option input 4    |
| -X1:PE -PE Protective Earth PE          |                                        |                                       | -X8:11 Customer connections A alarm output    |
|                                         |                                        |                                       | -X8:12 Customer connections A alarm output    |
|                                         |                                        |                                       | -X8:13 Customer connections Option output 1   |
|                                         |                                        |                                       | -X8:14 Customer connections Option output 1   |
|                                         |                                        |                                       | -X8:15 Customer connections Option output 2   |
|                                         |                                        |                                       | -X8:16 Customer connections Option output 2   |
|                                         |                                        |                                       | -X8:17 Customer connections BMS - RS485       |
|                                         |                                        |                                       | -X8:18 Customer connections BMS - RS485       |
|                                         |                                        |                                       | -X8:19 Customer connections Start signal      |
|                                         |                                        |                                       | -X8:20 Customer connections Start signal      |

**EXHAUSTO**

Project:  
**VEX1000 - Customized CR (230V)**

|                |            |              |       |                 |    |
|----------------|------------|--------------|-------|-----------------|----|
| Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 12 |
| Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 11 |
| Replaces:      | B          | Scale:       | 1:1   | Next page:      | 20 |
| EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

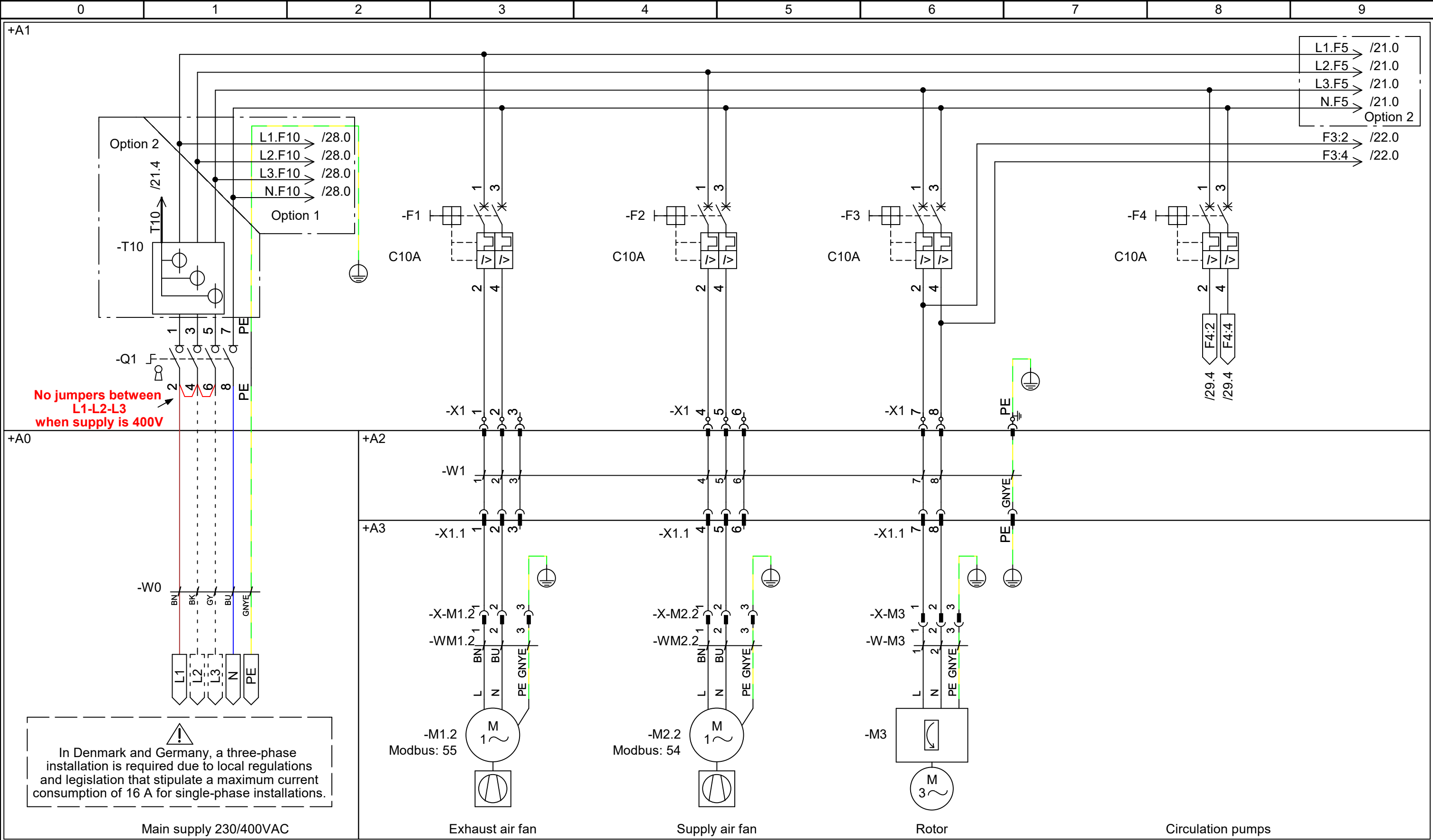
Drawing number:  
**2028067**

Revision:  
**C**

Page Title:  
**Control panel terminals**

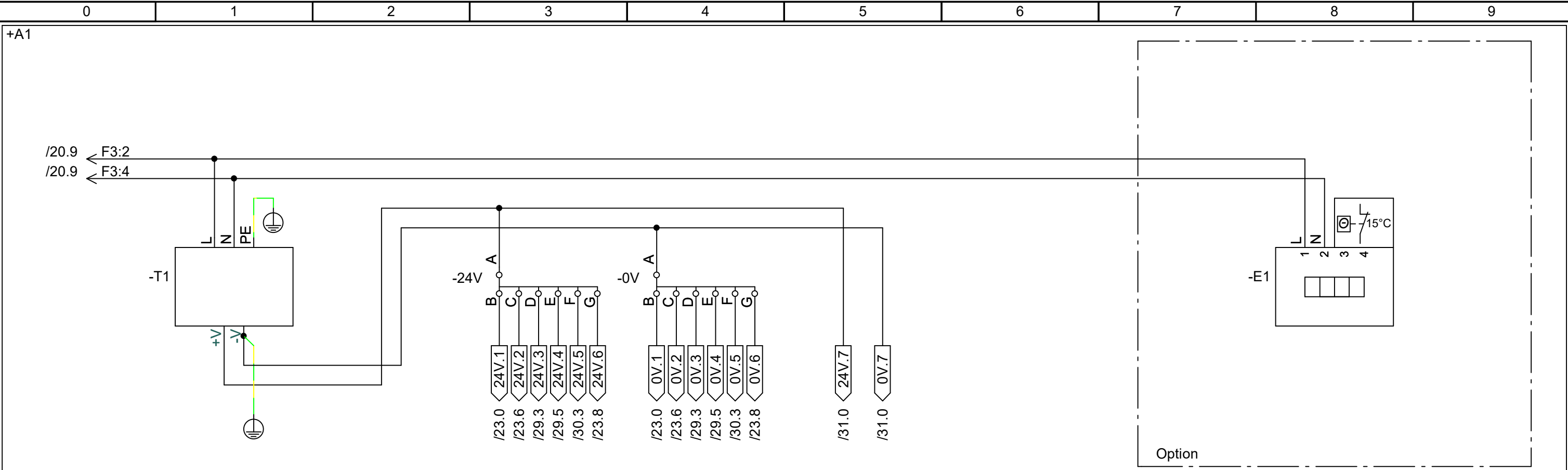
# Circuit diagrams

|                            |                |                                            |                           |                    |                        |
|----------------------------|----------------|--------------------------------------------|---------------------------|--------------------|------------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date: 17-06-2024    | Constructor: DKTSA | Page: Circuit diagrams |
|                            |                |                                            | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 12      |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Circuit diagrams            | Replaces: B               | Scale: 1:1         | Next page: 20          |
|                            |                |                                            | EC no.: -                 | Format: A3         | Pages in total: 36     |



|                                                            |                            |                                                                                                |                           |                    |                    |
|------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div> <div>Drawing number:<br/>2028067</div> | <div>Revision:<br/>C</div> | <div>Project:<br/>VEX1000 - Customized CR (230V)</div> <div>Page Title:<br/>Main current</div> | Start date: 17-06-2024    | Constructor: DKTSA | Page: 20           |
|                                                            |                            |                                                                                                | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 12  |
|                                                            |                            |                                                                                                | Replaces: B               | Scale: 1:1         | Next page: 21      |
|                                                            |                            |                                                                                                | EC no.: -                 | Format: A3         | Pages in total: 36 |

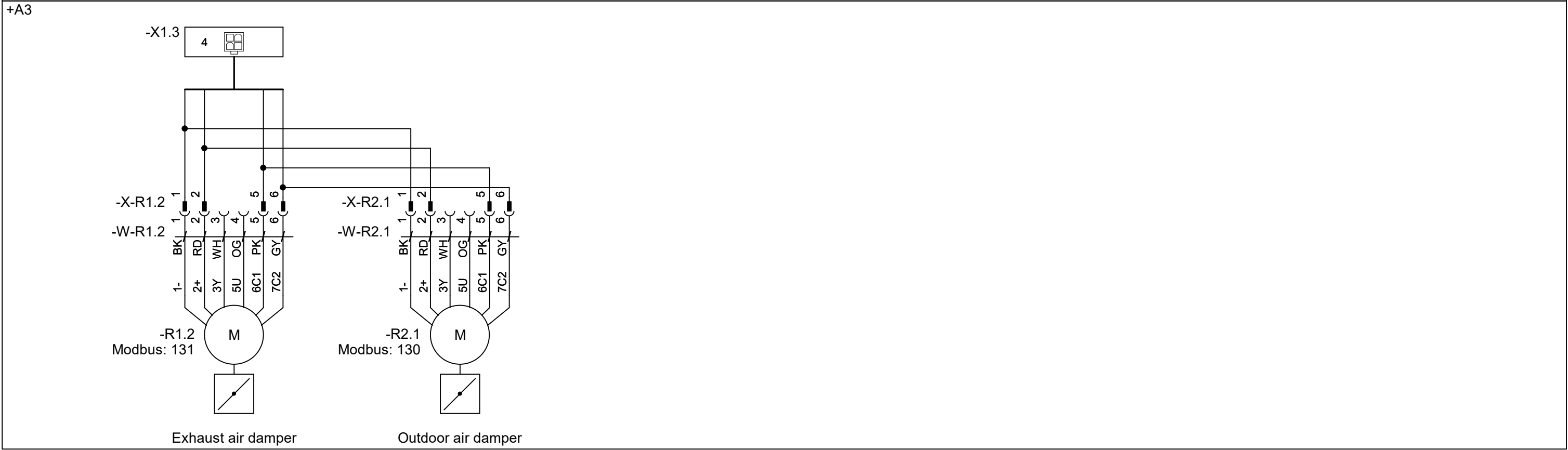
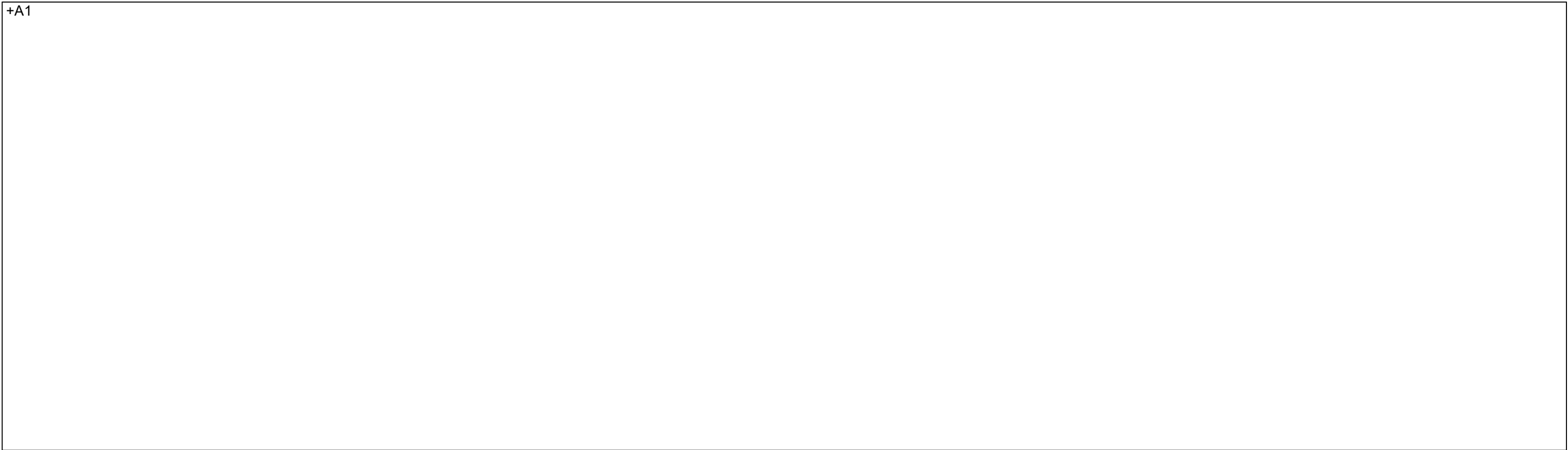


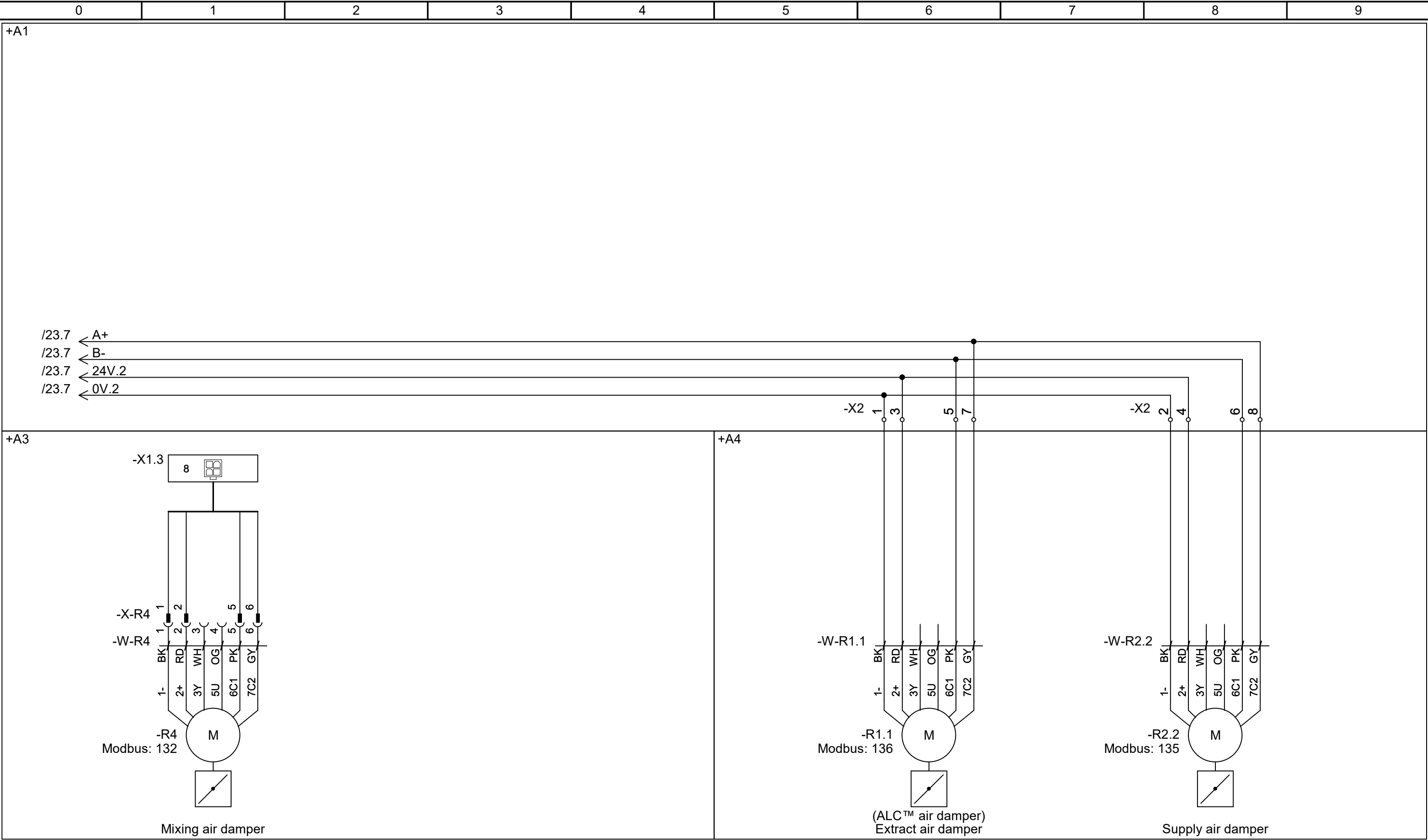


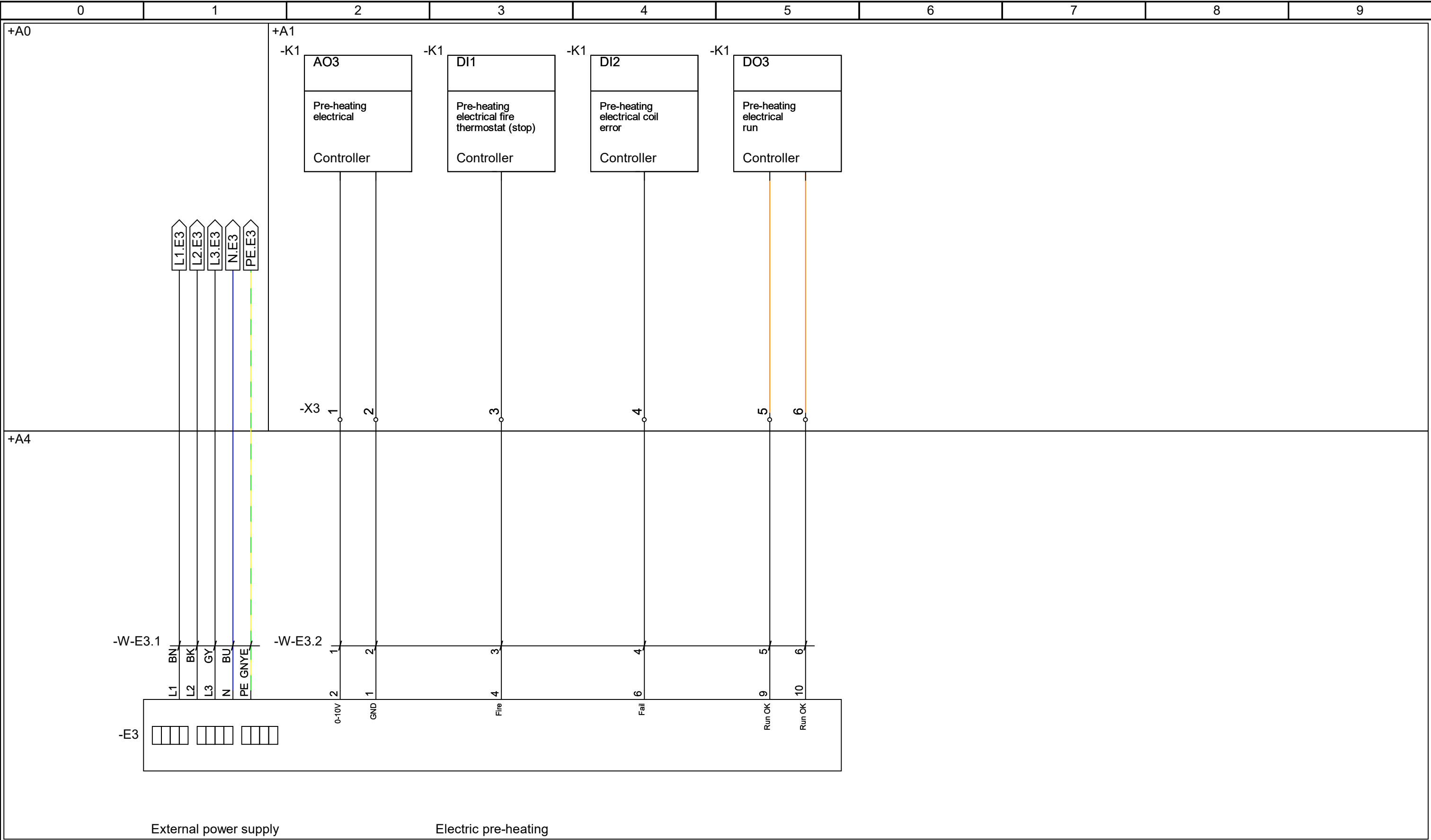
|                            |                |                                            |                |            |              |       |                 |    |
|----------------------------|----------------|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 22 |
|                            |                |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 21 |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Pilot current               | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 23 |
|                            |                |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

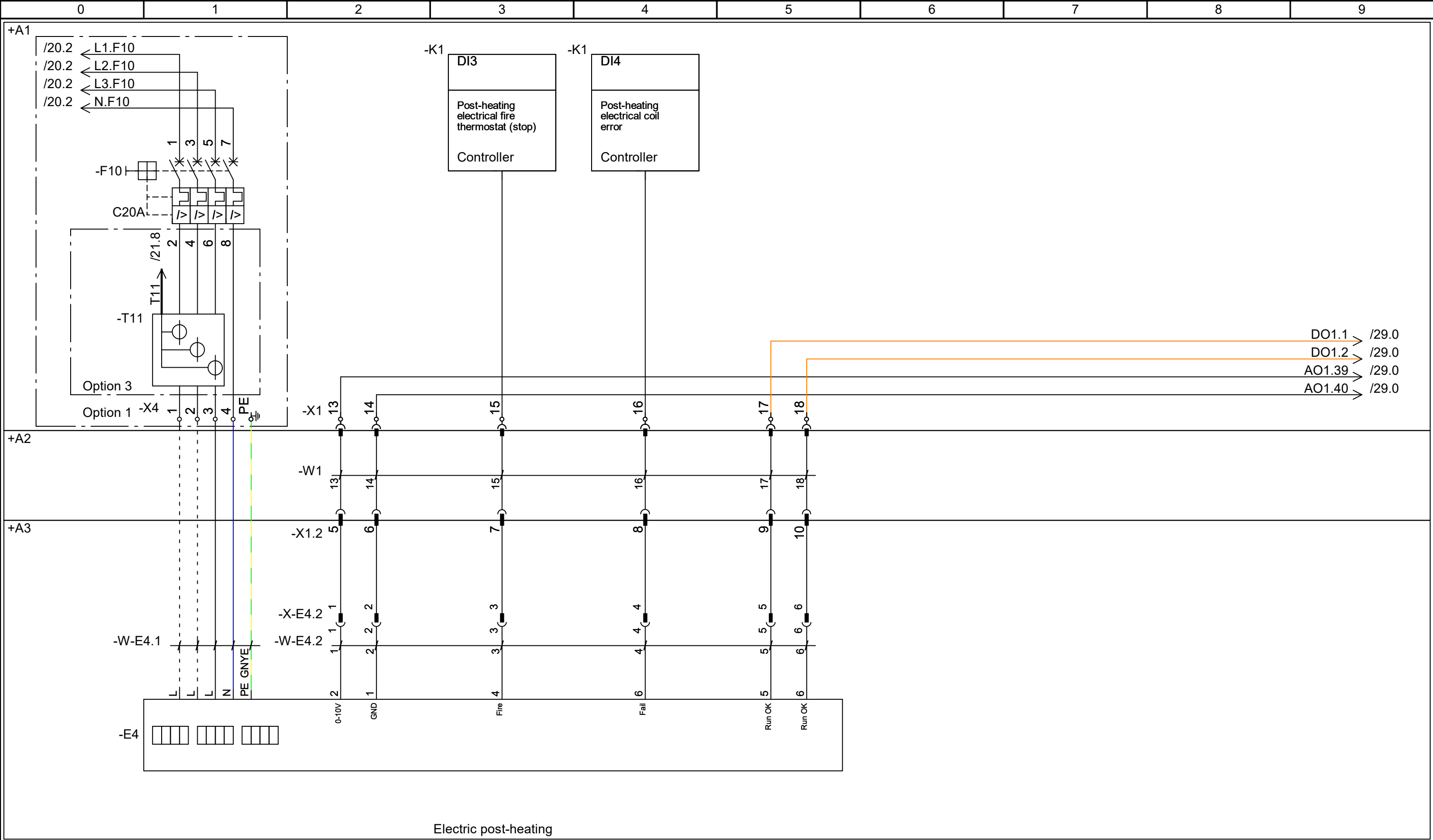


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                            |  |                                                       |  |                           |  |                              |  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |  |   |                     |   |  |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|-------------------------------------------------------|--|---------------------------|--|------------------------------|--|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--|---|---------------------|---|--|---|--|
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 1                                          |  | 2                                                     |  | 3                         |  | 4                            |  | 5                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                    |  | 7 |                     | 8 |  | 9 |  |
| +A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                            |  |                                                       |  |                           |  |                              |  |                       | Rotor drive option                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |  |   | Counter-flow option |   |  |   |  |
| +A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                            |  |                                                       |  |                           |  |                              |  |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |  |   |                     |   |  |   |  |
| <div><div><div>-X1.3</div><div>1</div><div></div></div><div><div>-X-M1.2</div><div>3</div><div>1</div><div>6</div></div><div><div>-W-M1.2</div><div>3</div><div>1</div><div>6</div></div><div><div>WH</div><div>YE</div><div>GN</div><div>A+</div></div><div><div>GND</div><div>B</div><div>A+</div></div><div><div>-M1.2</div><div>Modbus: 55</div></div><div>Exhaust air fan Control</div></div> <div><div><div>-X1.3</div><div>2</div><div></div></div><div><div>-X-M2.2</div><div>3</div><div>1</div><div>6</div></div><div><div>-W-M2.2</div><div>3</div><div>1</div><div>6</div></div><div><div>WH</div><div>YE</div><div>GN</div><div>A+</div></div><div><div>GND</div><div>B</div><div>A+</div></div><div><div>-M2.2</div><div>Modbus: 54</div></div><div>Supply air fan Control</div></div> |  |                                            |  |                                                       |  |                           |  |                              |  |                       | <div><div><div>-X1.3</div><div>3</div><div></div></div><div><div>-X-M3</div><div>4</div><div>5</div><div>8</div><div>9</div></div><div><div>-W-M3</div><div>4</div><div>5</div><div>8</div><div>9</div></div><div><div>BN/PK</div><div>WH/GY</div><div>GN</div><div>YE</div></div><div><div>A</div><div>B</div></div><div><div>-M3</div></div><div>Rotor drive</div></div> <div><div><div>-X1.3</div><div>3</div><div></div></div><div><div>-X-M3</div><div>4</div><div>5</div><div>8</div><div>9</div></div><div><div>-W-R3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div></div><div><div>BK</div><div>RD</div><div>WH</div><div>OG</div><div>PK</div><div>GY</div></div><div><div>1-</div><div>2+</div><div>3Y</div><div>5U</div><div>6C1</div><div>7C2</div></div><div><div>-R3</div><div>Modbus: 133</div></div><div>M</div><div>Bypass damper</div></div> |                      |  |   |                     |   |  |   |  |
| EXHAUSTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Project:<br>VEX1000 - Customized CR (230V) |  |                                                       |  | Start date:<br>17-06-2024 |  | Constructor:<br>DKTSA        |  | Page:<br>24           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |  |   |                     |   |  |   |  |
| Drawing number:<br>2028067                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Revision:<br>C                             |  | Page Title:<br>Standard - Fan & Rotor/Bypass controls |  |                           |  | Revision date:<br>21-10-2025 |  | Approved by:<br>DKBP  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Previous page:<br>23 |  |   |                     |   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                            |  |                                                       |  | Replaces:<br>B            |  | Scale:<br>1:1                |  | Next page:<br>25      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |  |   |                     |   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                            |  |                                                       |  | EC no.:<br>-              |  | Format:<br>A3                |  | Pages in total:<br>36 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |  |   |                     |   |  |   |  |

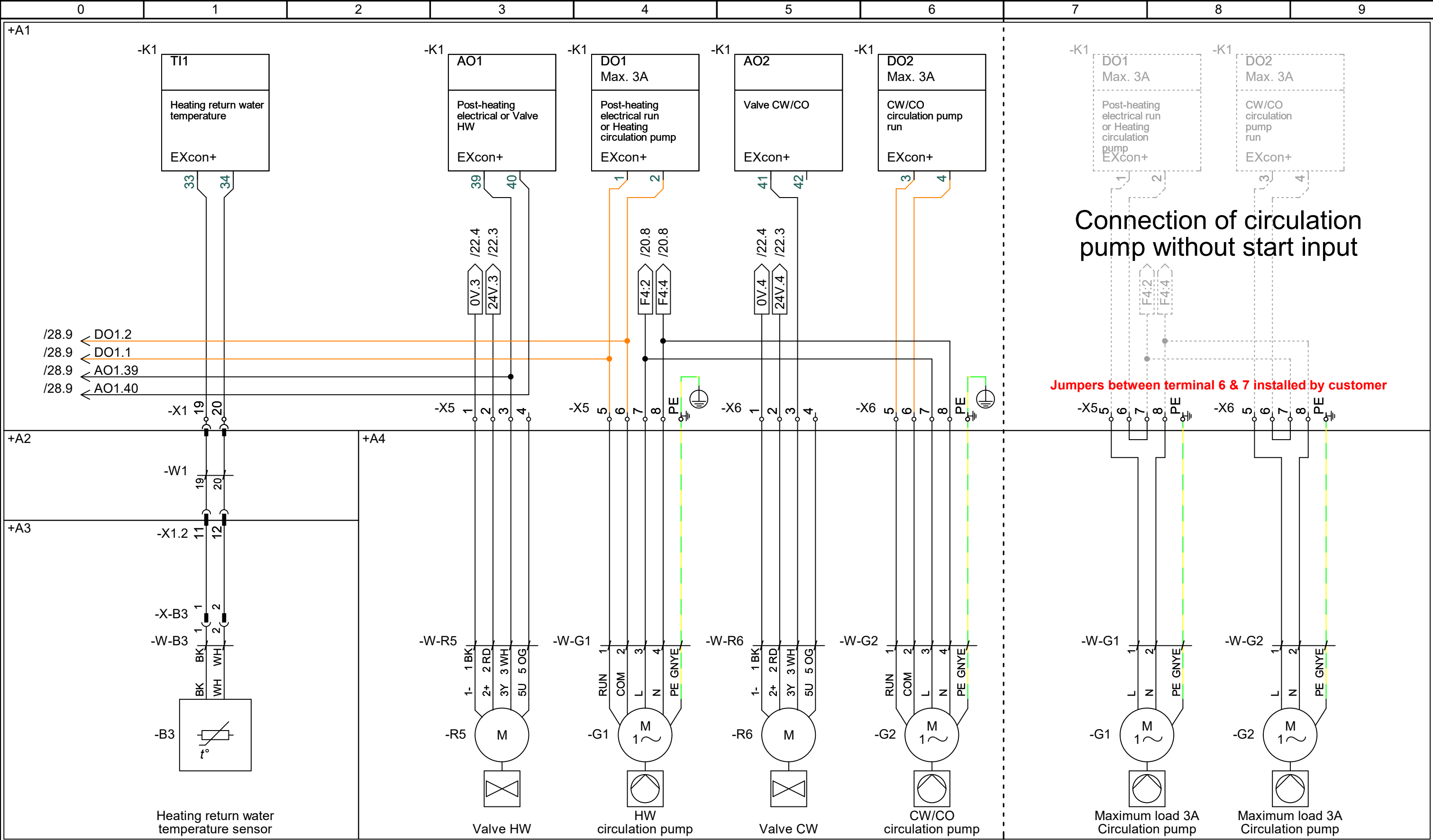




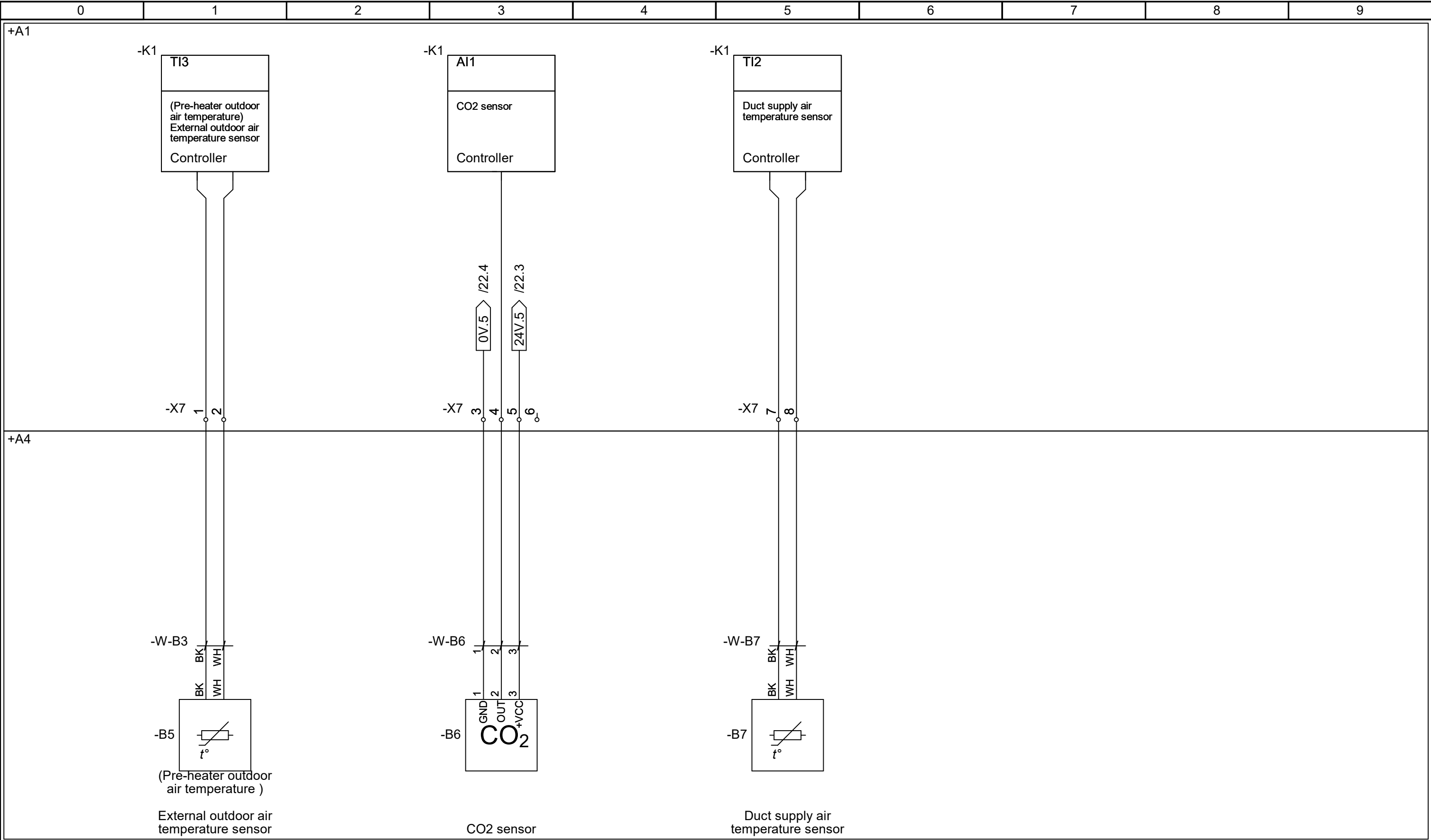




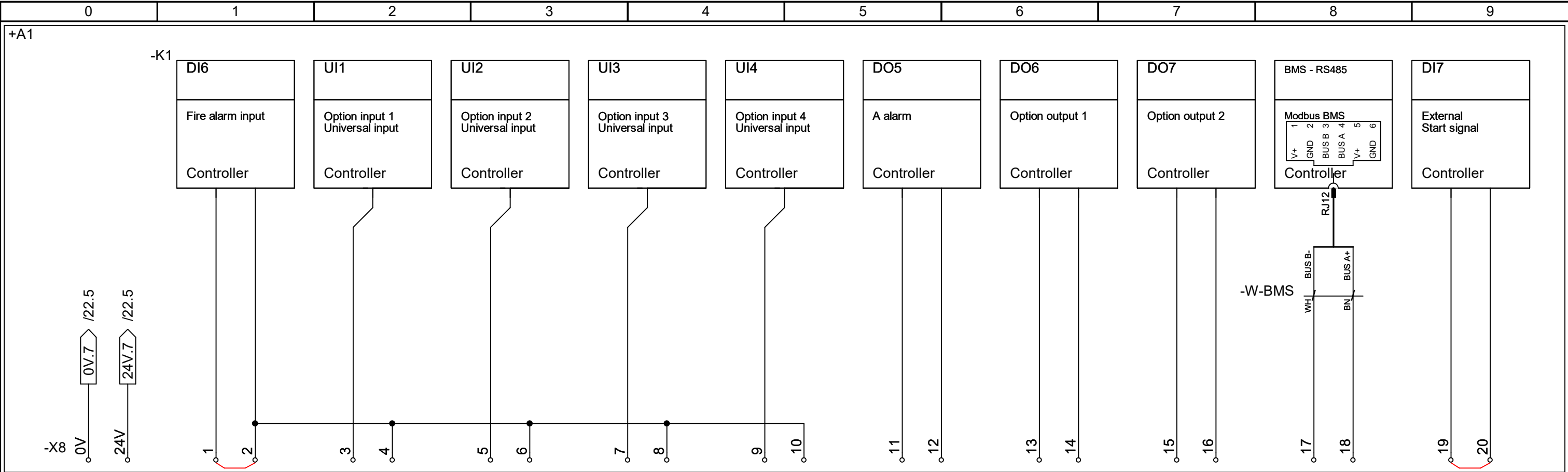
|                            |                |                                                |                |            |              |       |                 |    |
|----------------------------|----------------|------------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <b>EXHAUSTO</b>            |                | Project:<br>VEX1000 - Customized CR (230V)     | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 28 |
|                            |                |                                                | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 27 |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Options - Post-heating controls | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 29 |
|                            |                |                                                | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |



|                                                            |  |                                                                                  |                                            |  |                           |                    |                    |
|------------------------------------------------------------|--|----------------------------------------------------------------------------------|--------------------------------------------|--|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div> <div>Drawing number:<br/>2028067</div> |  | <div>Revision:<br/>C</div> <div>Page Title:<br/>Options- HW/CW/CO controls</div> | Project:<br>VEX1000 - Customized CR (230V) |  | Start date: 17-06-2024    | Constructor: DKTSA | Page: 29           |
|                                                            |  |                                                                                  |                                            |  | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 28  |
|                                                            |  |                                                                                  |                                            |  | Replaces: B               | Scale: 1:1         | Next page: 30      |
|                                                            |  |                                                                                  |                                            |  | EC no.: -                 | Format: A3         | Pages in total: 36 |



|                                                            |  |                                                    |  |                |            |              |       |                 |    |
|------------------------------------------------------------|--|----------------------------------------------------|--|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div> <div>Drawing number:<br/>2028067</div> |  | Project:<br>VEX1000 - Customized CR (230V)         |  | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 30 |
|                                                            |  |                                                    |  | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 29 |
| Revision:<br>C                                             |  | Page Title:<br>Options - Temperature & CO2 sensors |  | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 31 |
|                                                            |  |                                                    |  | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |



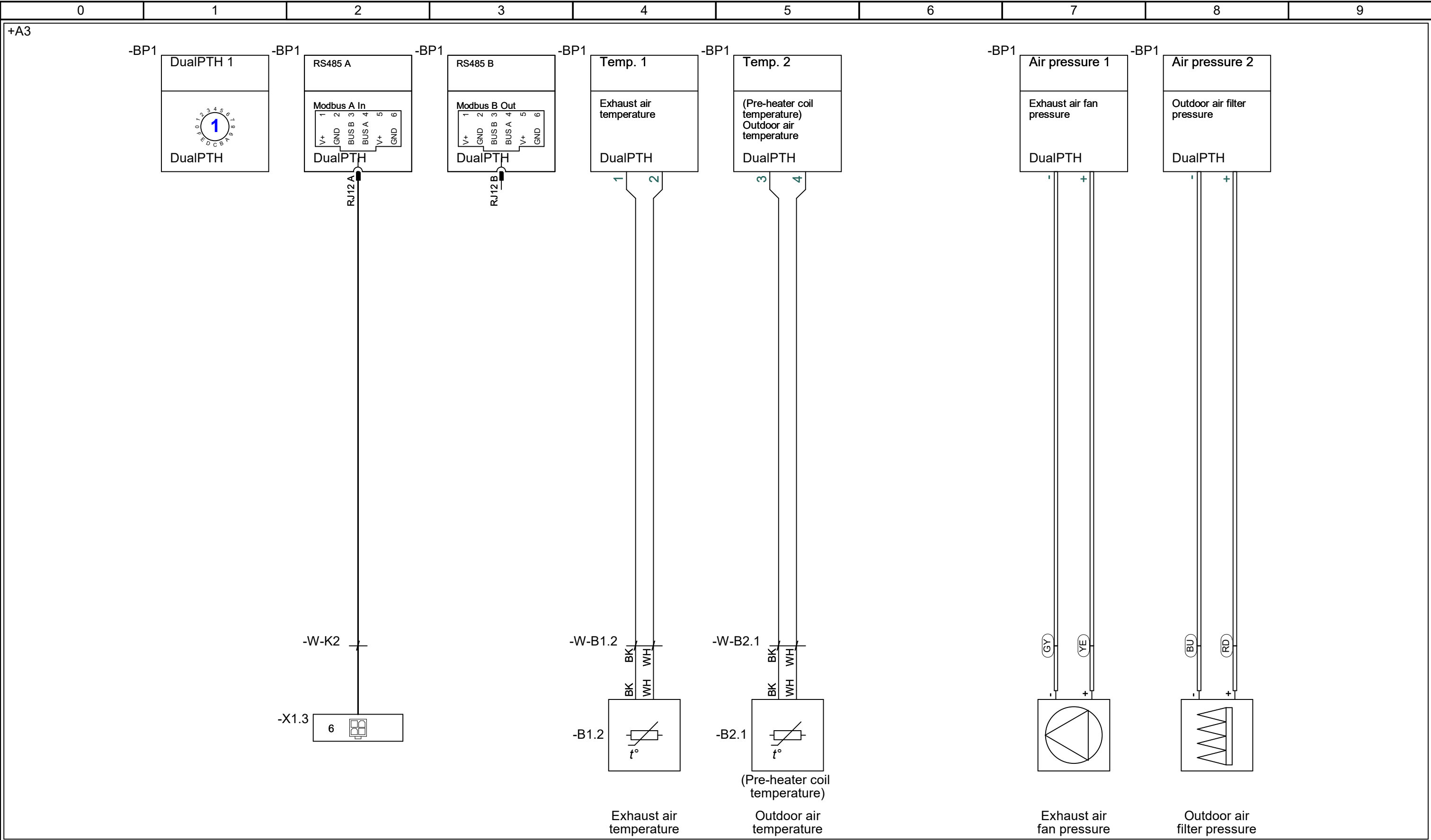
+A0 Remove jumper when connecting to external systems Remove jumper when connecting to external systems

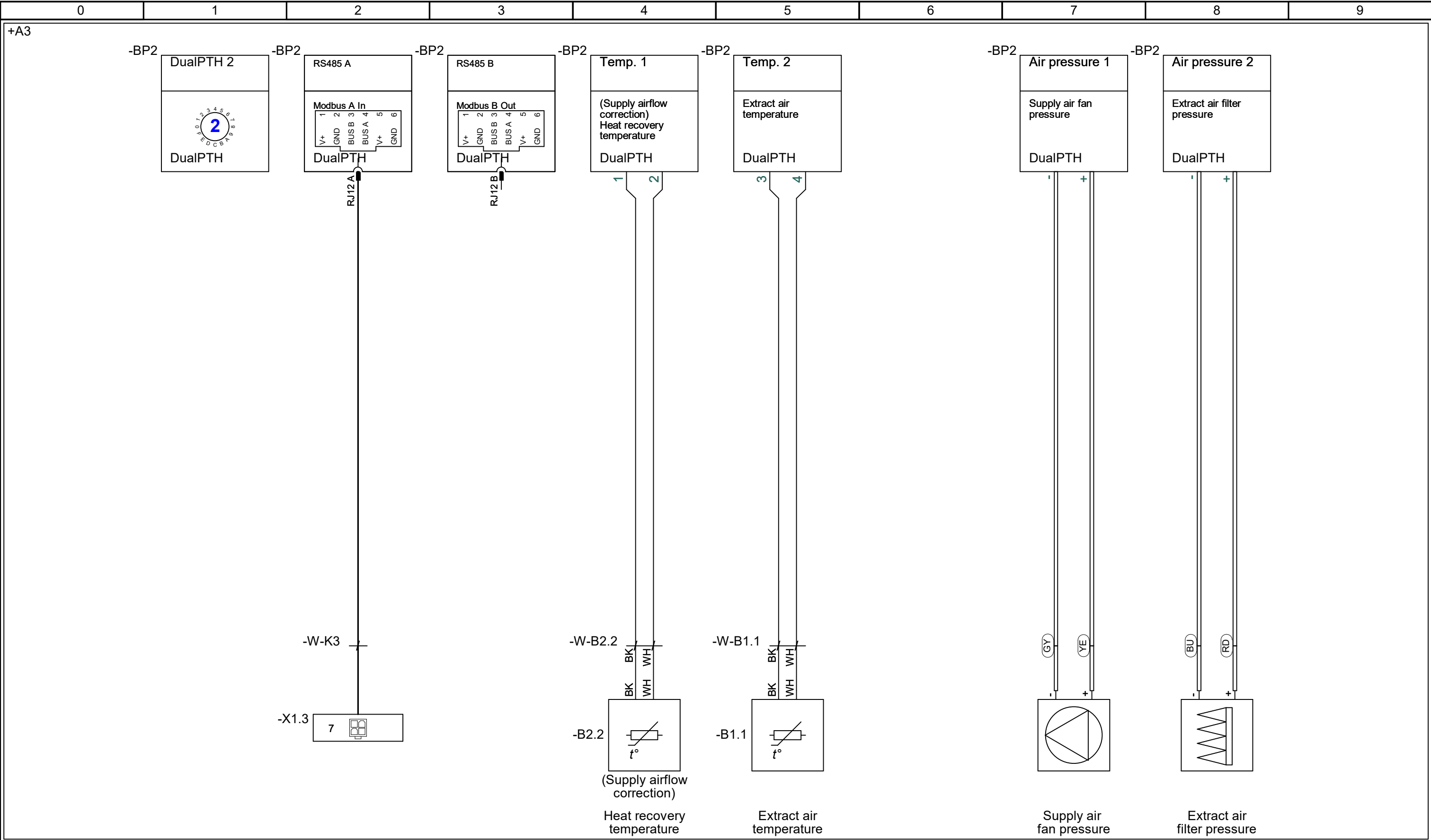
| IO                           | Default setting              | Comment                                        |
|------------------------------|------------------------------|------------------------------------------------|
| Digital input 6              | Fire alarm                   | Mandatory                                      |
| Universal input 1 - Option 1 | External High Speed mode     | -                                              |
| Universal input 2 - Option 2 | External Medium Speed mode   | Can change depending on the coil configuration |
| Universal input 3 - Option 3 | External Low Speed mode      | Can change depending on the coil configuration |
| Universal input 4 - Option 4 | External resetting of alarms | Can change depending on the coil configuration |
| Digital output 5             | "A" alarm                    | Mandatory                                      |
| Digital output 6 - Option 1  | User relay                   | -                                              |
| Digital output 7 - Option 2  | Operating relay              | -                                              |
| RS485                        | Modbus BMS                   | -                                              |
| Digital input 7              | External Start signal        | Mandatory                                      |

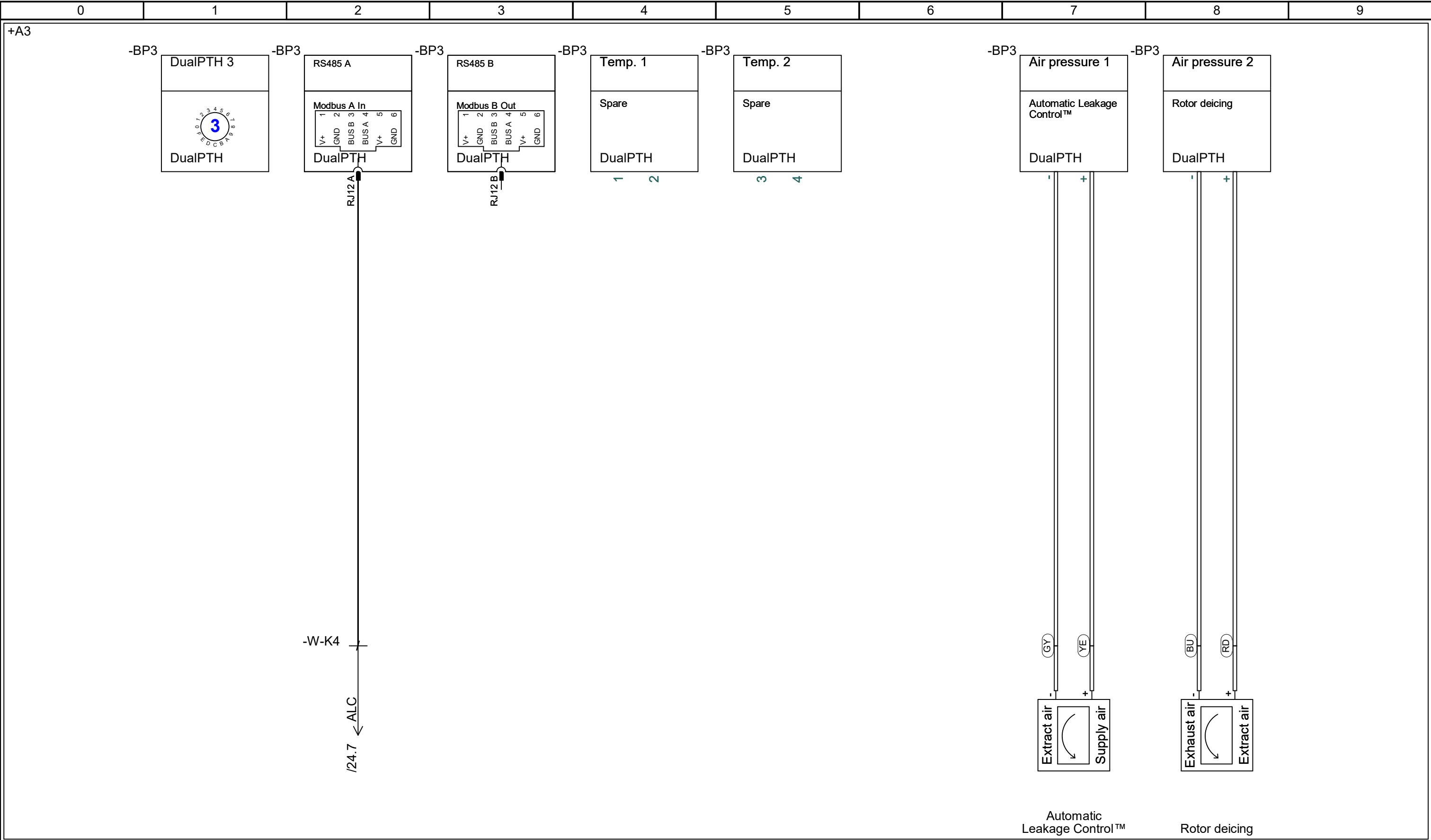
For further information on connecting accessories, see document 3006851

# Pressure & temperature transmitters

|                            |                |                                                    |                           |                    |                    |
|----------------------------|----------------|----------------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V)         | Start date: 17-06-2024    | Constructor: DKTSA | Page: PTH          |
|                            |                |                                                    | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 31  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Pressure & temperature transmitters | Replaces: B               | Scale: 1:1         | Next page: 40      |
|                            |                |                                                    | EC no.: -                 | Format: A3         | Pages in total: 36 |



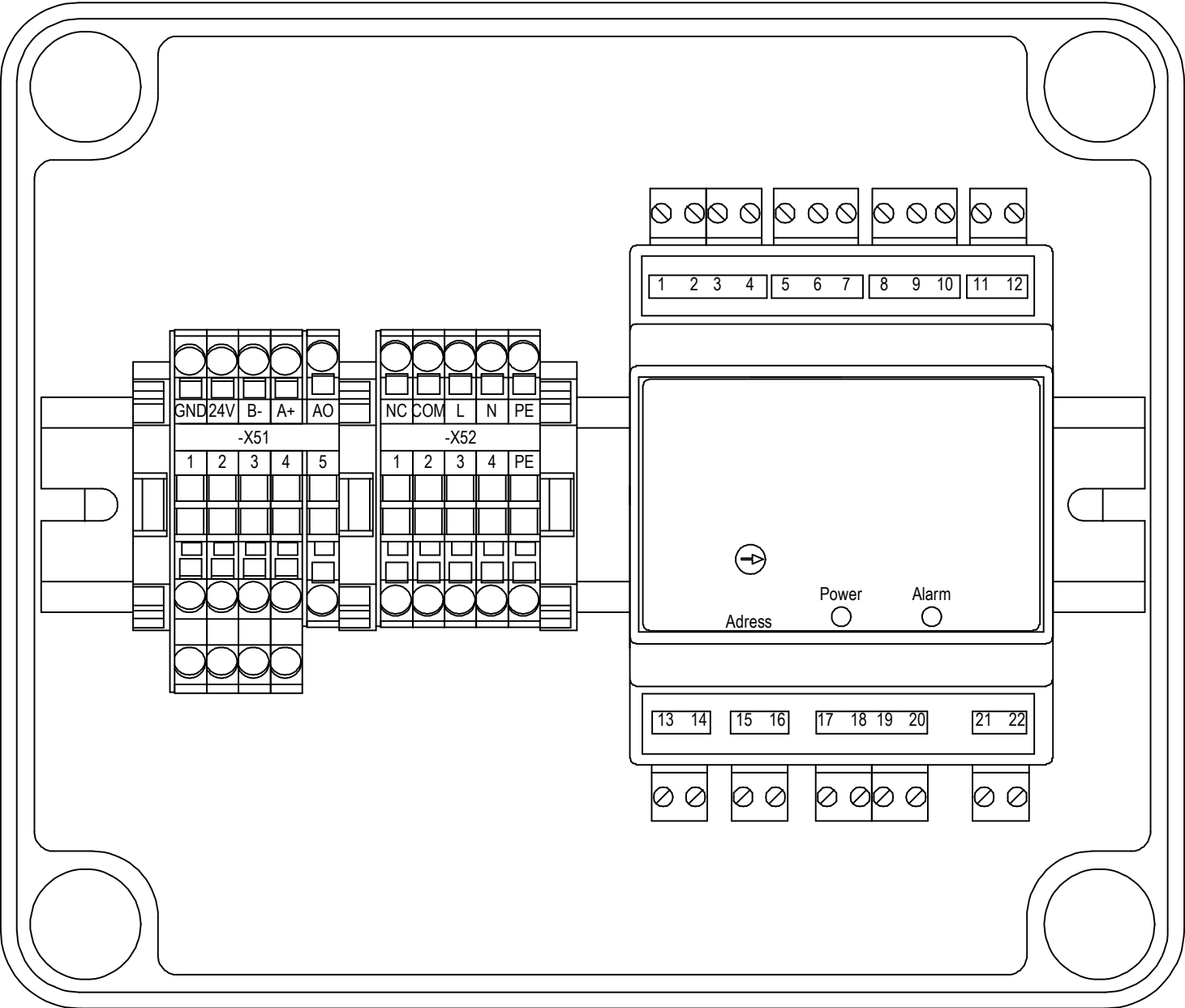




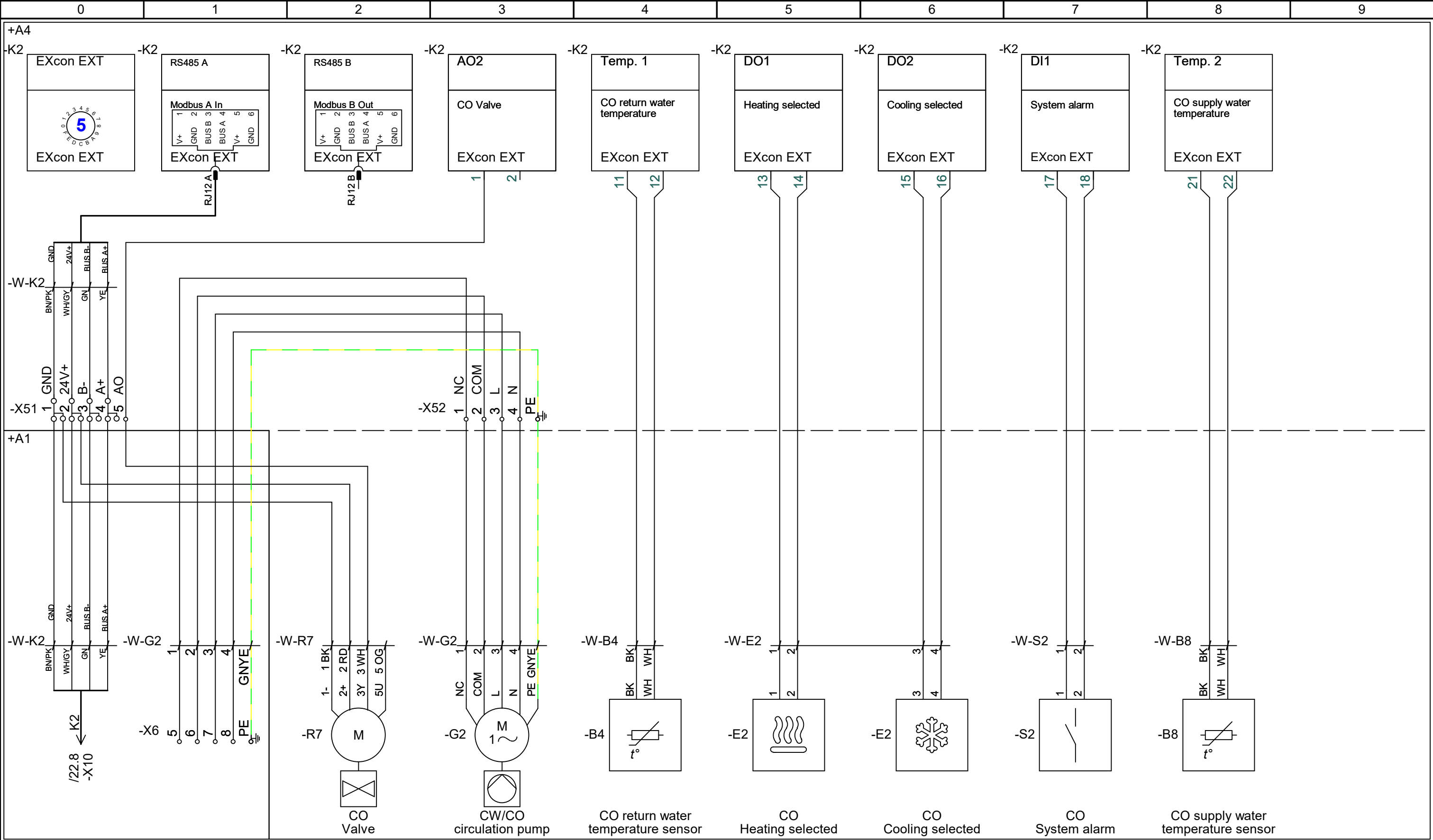
|                            |                |                                              |                |            |              |       |                 |    |
|----------------------------|----------------|----------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V)   | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 42 |
|                            |                |                                              | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 41 |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Option - ALC™ - Rotor deicing | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 50 |
|                            |                |                                              | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |

# Extension modules

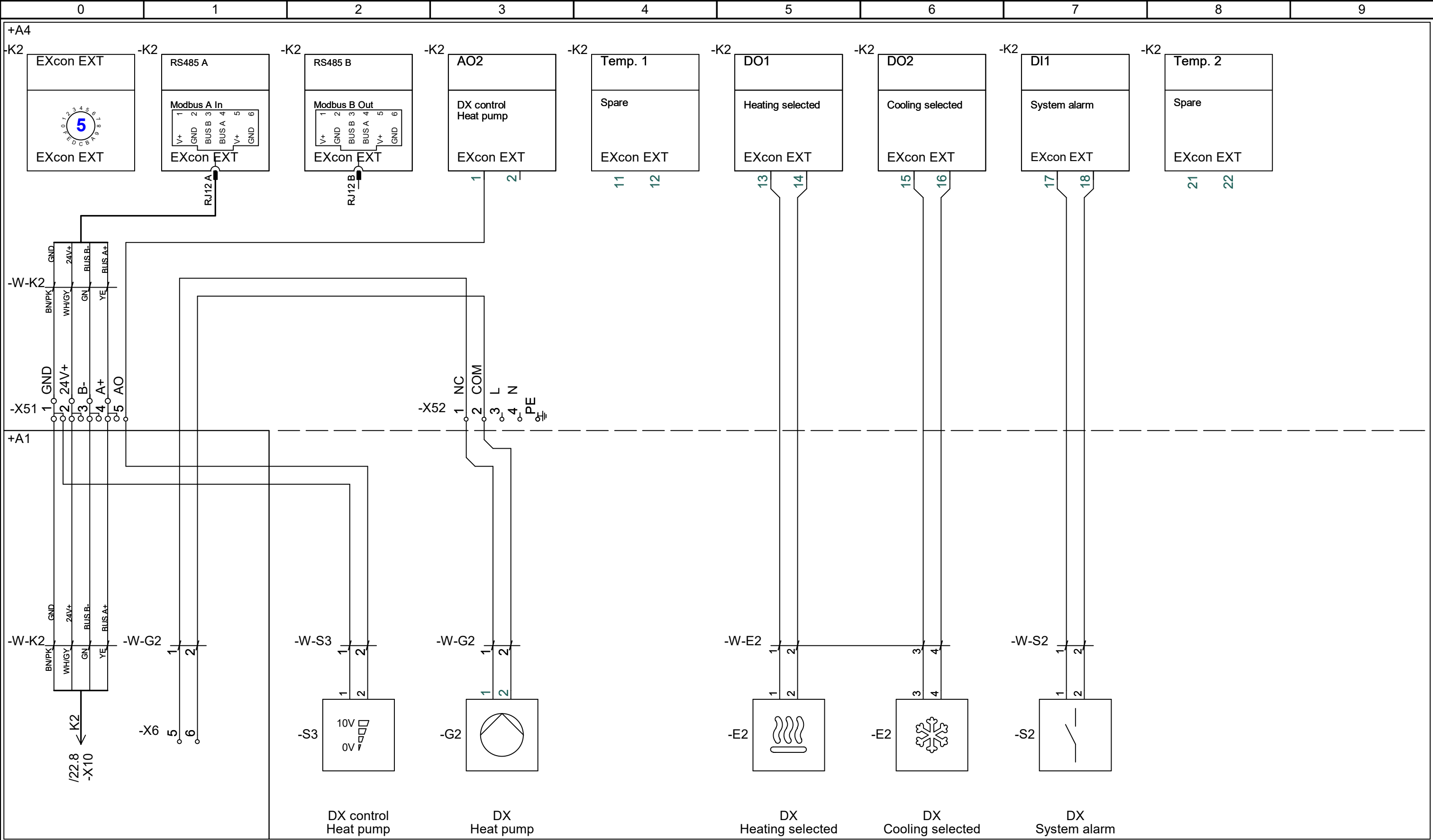
|                            |                |                                            |                           |                    |                    |
|----------------------------|----------------|--------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V) | Start date: 17-06-2024    | Constructor: DKTSA | Page: EXT          |
|                            |                |                                            | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 42  |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Extension modules           | Replaces: B               | Scale: 1:1         | Next page: 50      |
|                            |                |                                            | EC no.: -                 | Format: A3         | Pages in total: 36 |



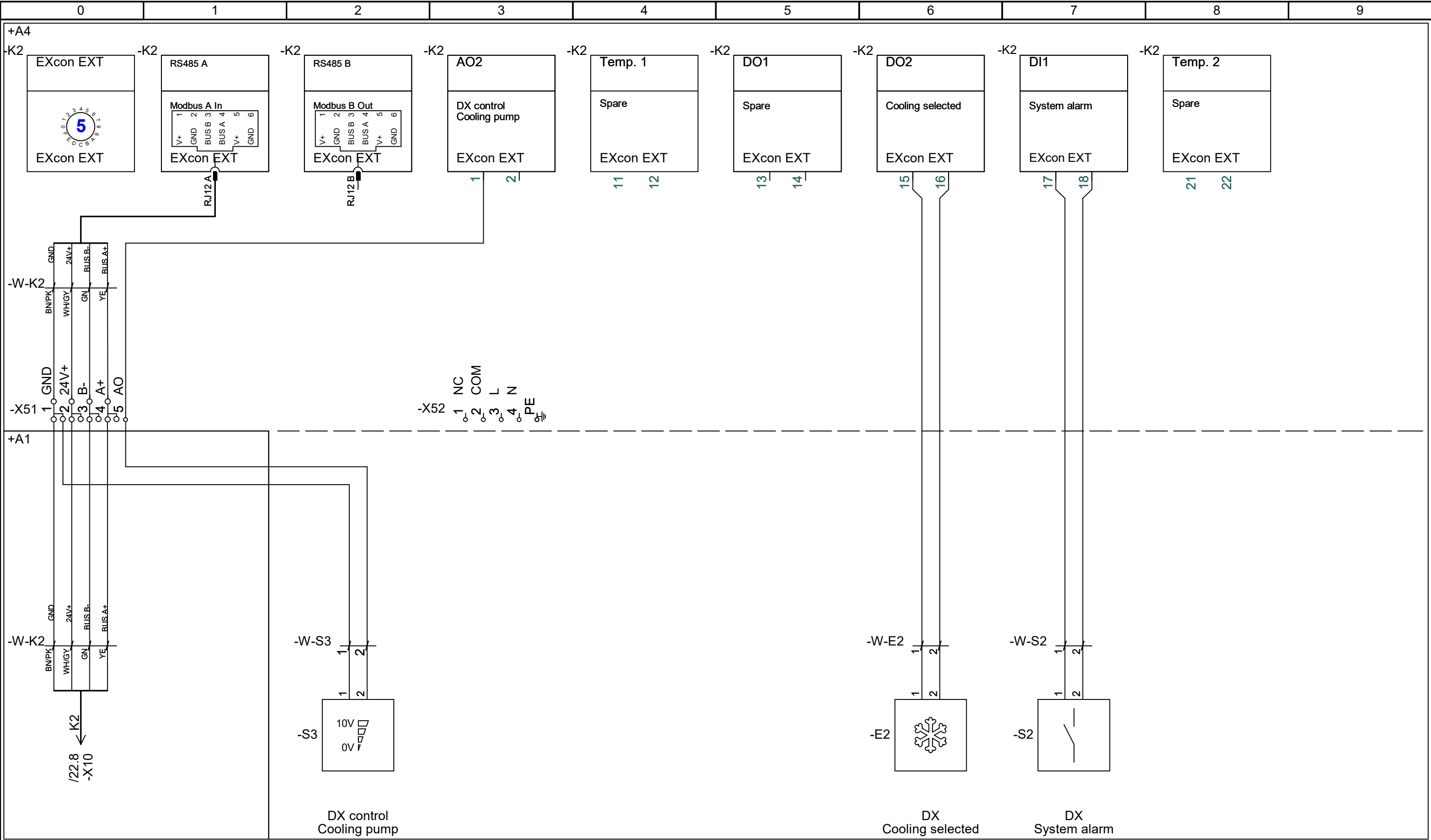
|                                                            |  |                                                                                                                    |                           |                    |                    |
|------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------|
| <div>EXHAUSTO</div> <div>Drawing number:<br/>2028067</div> |  | <div>Project:<br/>VEX1000 - Customized CR (230V)</div> <div>Page Title:<br/>Option - Coil control box layout</div> | Start date: 17-06-2024    | Constructor: DKTSA | Page: 50           |
|                                                            |  |                                                                                                                    | Revision date: 21-10-2025 | Approved by: DKBP  | Previous page: 42  |
| <div>Revision:<br/>C</div>                                 |  |                                                                                                                    | Replaces: B               | Scale: 1:1         | Next page: 51      |
|                                                            |  |                                                                                                                    | EC no.: -                 | Format: A3         | Pages in total: 36 |



|                                                            |  |                                            |                |            |              |       |                 |    |
|------------------------------------------------------------|--|--------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div> <div>Drawing number:<br/>2028067</div> |  | Project:<br>VEX1000 - Customized CR (230V) | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 51 |
|                                                            |  |                                            | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 50 |
| Revision:<br>C                                             |  | Page Title:<br>Option - Combi Coil         | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 52 |
|                                                            |  |                                            | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |



|                            |                |                                                    |                |            |              |       |                 |    |
|----------------------------|----------------|----------------------------------------------------|----------------|------------|--------------|-------|-----------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V)         | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:           | 52 |
|                            |                |                                                    | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:  | 51 |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Option - Direct Expansion Heat pump | Replaces:      | B          | Scale:       | 1:1   | Next page:      | 53 |
|                            |                |                                                    | EC no.:        | -          | Format:      | A3    | Pages in total: | 36 |



|                            |                |                                                  |                |            |              |       |                    |    |
|----------------------------|----------------|--------------------------------------------------|----------------|------------|--------------|-------|--------------------|----|
| <div>EXHAUSTO</div>        |                | Project:<br>VEX1000 - Customized CR (230V)       | Start date:    | 17-06-2024 | Constructor: | DKTSA | Page:              | 53 |
|                            |                |                                                  | Revision date: | 21-10-2025 | Approved by: | DKBP  | Previous page:     | 52 |
| Drawing number:<br>2028067 | Revision:<br>C | Page Title:<br>Option - Direct Expansion Cooling | Replaces:      | B          | Scale:       | 1:1   | Next page:         |    |
|                            |                |                                                  | EC no.:        | -          | Format:      | A3    | Pages in total: 36 |    |