



## Short designation overview

|                                        |                                              |                                               |
|----------------------------------------|----------------------------------------------|-----------------------------------------------|
| Legende:                               |                                              |                                               |
| CODE                                   | Benennung                                    | designation                                   |
| B+                                     | Batterie 12/24VDC(Anschluss M10)             | Battery 12/24VDC(connection M10)              |
| B-                                     | Batterie 0V(Anschluss M8)                    | Battery 0V(connection M8)                     |
| KS15.02                                | Klimaregler                                  | climate controller                            |
| X1                                     | Anschlusstecker 24-polig, Klimaregler KS15   | Connector 24-pin, climate control KS15.02     |
| F0.1                                   | Hauptstromsicherung 125A/12V, 80A/24V        | main power fuse 125A/12V, 80A/24V             |
| * A                                    | Stromangabe in Ampere                        | Current in amperes                            |
| B1/B2                                  | Temperatursensor mit Anschlusstecker         | Temperature sensor with connector             |
| MK                                     | Magnetkupplung                               | Magnetic clutch                               |
| ST1                                    | Anschlusst. 18-polig, KL40-46T - KS15 Regler | Connector 18-pol., KL40-46T - KS15 Controller |
| ST3                                    | Anschlusst. 2-polig mit Diode, Magnetk.      | Connector 2-pol.with diode, magnetic clutch   |
| ST9                                    | Anschlusst. 18-polig, KL40-46T - MK          | Connector 18-pol., KL40-46T - MK              |
| XL1                                    | Schweißverbindungen                          | welds                                         |
|                                        |                                              |                                               |
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|                                        |                                              |                                               |
| Legende:                               |                                              |                                               |
| CODE                                   | Kabelfarbe                                   | color of cable                                |
| BG =                                   | beige                                        | beige                                         |
| BK =                                   | schwarz                                      | black                                         |
| BN =                                   | braun                                        | brown                                         |
| BU =                                   | blau                                         | blue                                          |
| GN =                                   | grün                                         | green                                         |
| GY =                                   | grau                                         | grey                                          |
| NE =                                   | neutral                                      | neutral                                       |
| OG =                                   | orange                                       | orange                                        |
| PK =                                   | rosa                                         | pink                                          |
| RD =                                   | rot                                          | red                                           |
| VT =                                   | violett                                      | viola                                         |
| WH =                                   | weiß                                         | white                                         |
| YE =                                   | gelb                                         | yellow                                        |
| SH =                                   | Schirmung                                    | shield                                        |
|                                        |                                              |                                               |
| BK1-400-147 - circuit diagram KL40-46T |                                              |                                               |

|                                    |                    |      |          |                                                   |                                                                                                                                                                       |          |   |
|------------------------------------|--------------------|------|----------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|
| Nr.                                | Change description | Date | Name     | Copied by                                         | drawing no.                                                                                                                                                           | K1080158 |   |
|                                    |                    |      |          | <h1>KL40-46T mit K5</h1> <p>AC. roof top unit</p> |                                                                                                                                                                       | Page     | 2 |
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|                                    |                    |      |          |                                                   |                                                                                                                                                                       |          |   |
| a0                                 |                    |      | A. Kraft |                                                   |                                                                                                                                                                       |          |   |
| Creat.. <div>Alexander Kraft</div> |                    |      |          |                                                   |                                                                                                                                                                       |          |   |
|                                    |                    |      |          |                                                   |  <b>KONVEKTA</b><br>Thermo Systems<br>KÜHL- & KLIMAAANLAGEN D-34607 SCHWALMSTADT |          |   |