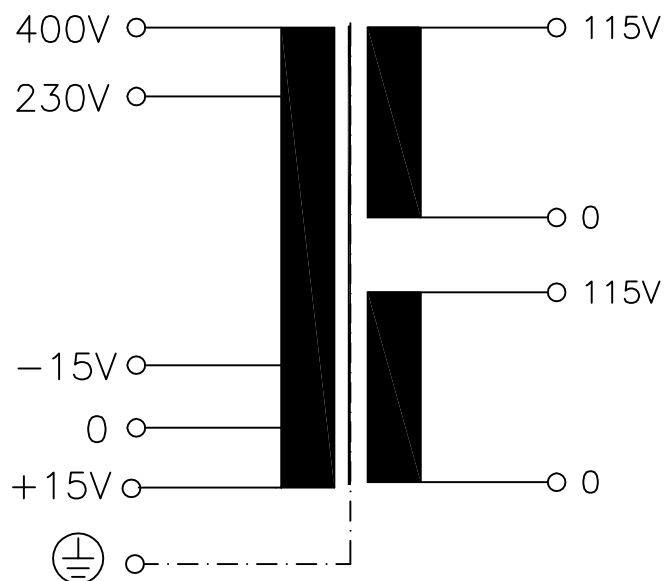
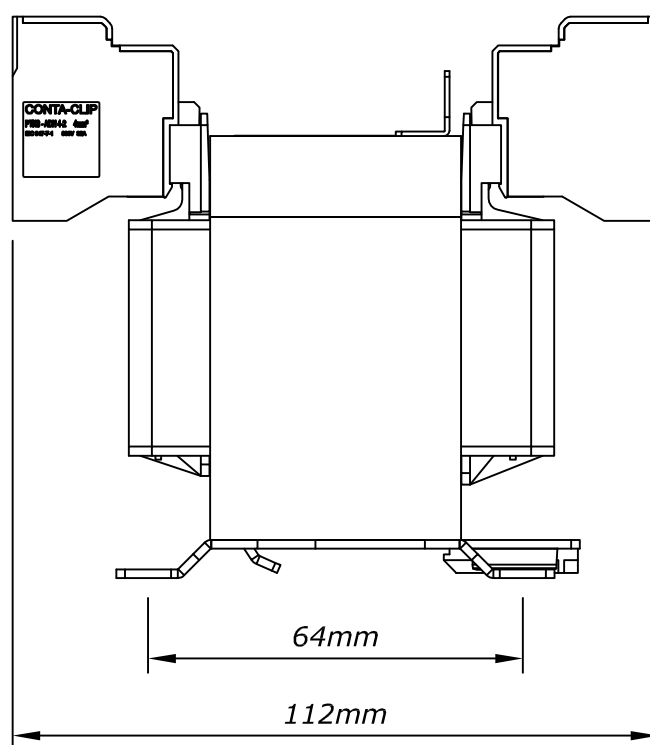
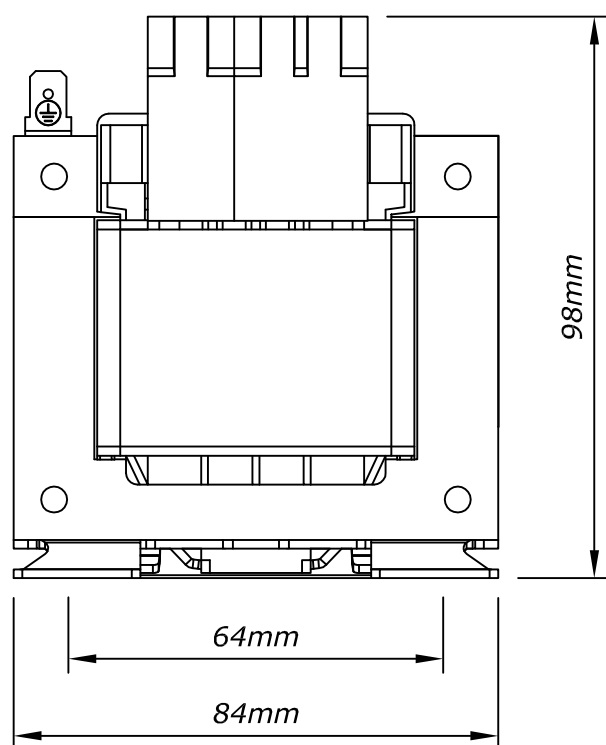


|                                                                                            |                |                                                                                                                                                                                                                   |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
|--------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--|
| Index:                                                                                     |                | Baureihe:<br>Type:                                                                                                                                                                                                | STEU                                                                             |        | Datenblatt<br>Technical<br>Specifications |                                                                                                                                                                         | BLOCK<br>Transformatoren-Elektronik<br>GmbH<br>D – 27283 Verden/Aller |  |
| b                                                                                          |                | Art.-Nr.:<br>Art.-No.:                                                                                                                                                                                            | STEU 100/23                                                                      |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Typ<br>Type                                                                                |                | : Steuer-und Trenntransformator<br>Voltage Control and Isolating Transformer                                                                                                                                      |                                                                                  |        |                                           |   |                                                                       |  |
| Kernform<br>Core type                                                                      |                | : EI 84/43,5                                                                                                                                                                                                      |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsspannung, Eingang<br>Designated input voltage                                    |                | : 230V / 400V ±15V                                                                                                                                                                                                |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsstrom, Eingang<br>Designated input current                                       |                | : 0,53Aac / 0,31Aac                                                                                                                                                                                               |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsspannung, Ausgang<br>Designated output voltage                                   |                | : 2x 115V                                                                                                                                                                                                         |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsstrom, Ausgang<br>Designated output current                                      |                | : 2x 0,44Aac                                                                                                                                                                                                      |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Vorzusehende Absicherung, Ausgang<br>Recommended output fuse                               |                | :  0,5A ETA type 106                                                                                                             |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Einschaltdauer<br>Duty cycle                                                               |                | : 100%                                                                                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsleistung (bei Leistungsfaktor 1)<br>Designated output power (power factor 1)     |                | : 100VA                                                                                                                                                                                                           |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemessungsleistung (bei Leistungsfaktor 0,5)<br>Designated output power (power factor 0,5) |                | : 310VA                                                                                                                                                                                                           |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Schaltgruppe<br>Connection mode                                                            |                | : Iii0                                                                                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Betriebsfrequenz<br>Designated frequency                                                   |                | : 50-60Hz                                                                                                                                                                                                         |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Schutzklasse<br>Safety class                                                               |                | : vorbereitet für Geräte der Schutzklasse I<br>prepared for class I equipment                                                                                                                                     |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Schutzart<br>Protection index                                                              |                | : IP00                                                                                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Kühlungsart<br>Type of cooling                                                             |                | : AN                                                                                                                                                                                                              |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Isolierstoffklasse<br>Insulation class                                                     |                | : B (UL class 130)                                                                                                                                                                                                |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Max. Umgebungstemperatur<br>Ambient temperature                                            |                | : 40°C                                                                                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Vorschriften<br>Standards                                                                  |                | : EN 61558 Teil 1 mit Teil 2-2 und Teil 2-4<br>EN 61558 part 1 with part 2-2 and part 2-4                                                                                                                         |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Prüfzeichen<br>Approvals                                                                   |                | :  UL 5085, CSA 22.2 (E 103521)                                                                                                |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Prüfspannung<br>HV-Test voltage                                                            |                | : Primär-Sekundär<br>Primary-Secondary                                                                                                                                                                            |                                                                                  | 4,6 kV |                                           | Sekundär-Kern<br>Secondary-Core                                                                                                                                         |                                                                       |  |
|                                                                                            |                | Primär-Kern<br>Primary-Core                                                                                                                                                                                       |                                                                                  | 3,2 kV |                                           | 2,5 kV                                                                                                                                                                  |                                                                       |  |
| Anschluß ( Eingang )<br>Terminal ( Input )                                                 |                | : Push-in Klemme 4mm <sup>2</sup><br>Push-in terminal 4mm <sup>2</sup>                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Anschluß ( Ausgang )<br>Terminal ( Output )                                                |                | : Push-in Klemme 4mm <sup>2</sup><br>Push-in terminal 4mm <sup>2</sup>                                                                                                                                            |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Anschluß ( PE )<br>Terminal ( PE )                                                         |                | : Flachsteckanschluss 6,3x0,8mm<br>Plug type terminal                                                                                                                                                             |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Bemerkungen<br>Notes                                                                       |                | : Die angegebenen technischen Daten sind typisch. Material-und fertigungsbedingt können Abweichungen auftreten.<br>Technical specifications are typical, they can vary due to material and production tolerances. |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Seite 1/2<br>Page 1/2                                                                      |                |                                                                                                                                                                                                                   |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |
| b                                                                                          | Date: 04.11.22 | Name: Spöring                                                                                                                                                                                                     | Amendment: New DB format; HV values changed; Approvals changed; Drawings changed |        |                                           |                                                                                                                                                                         |                                                                       |  |
| a                                                                                          | Date: 16.12.10 | Name: Fischer                                                                                                                                                                                                     | Amendment: HV values changed                                                     |        |                                           |                                                                                                                                                                         |                                                                       |  |
| Date: 04.09.07                                                                             |                | Date: –                                                                                                                                                                                                           | Schutzvermerk nach ISO 16016 beachten<br>Observe protection clause to ISO 16016  |        |                                           | Änderungen vorbehalten<br>Subject to change                                                                                                                             |                                                                       |  |
| Name: Thomas                                                                               |                | Checked: Clasen                                                                                                                                                                                                   |                                                                                  |        |                                           |                                                                                                                                                                         |                                                                       |  |

## Anschlußkennzeichnung: Terminal Identification



## Abmessungen: Dimensions



Gewicht: ca. 2,1kg  
Weight: approx. 2,1kg

**Befestigung: Langloch 4,5x8mm alternativ Tragschienenmontage nach DIN 50022**  
Mounting: Slotted hole 4,5x8mm alternative panel installation on mounting rails to DIN 50022

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