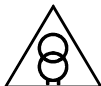
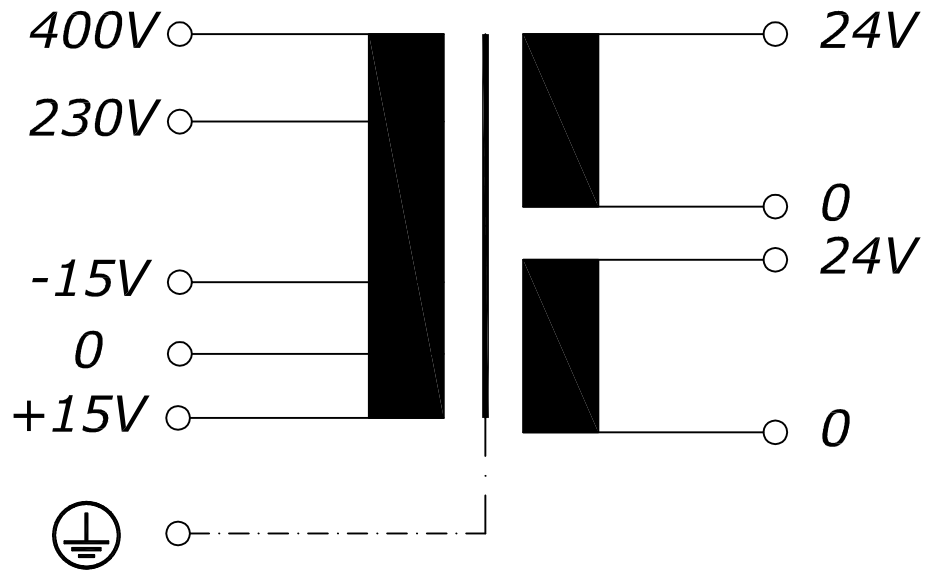
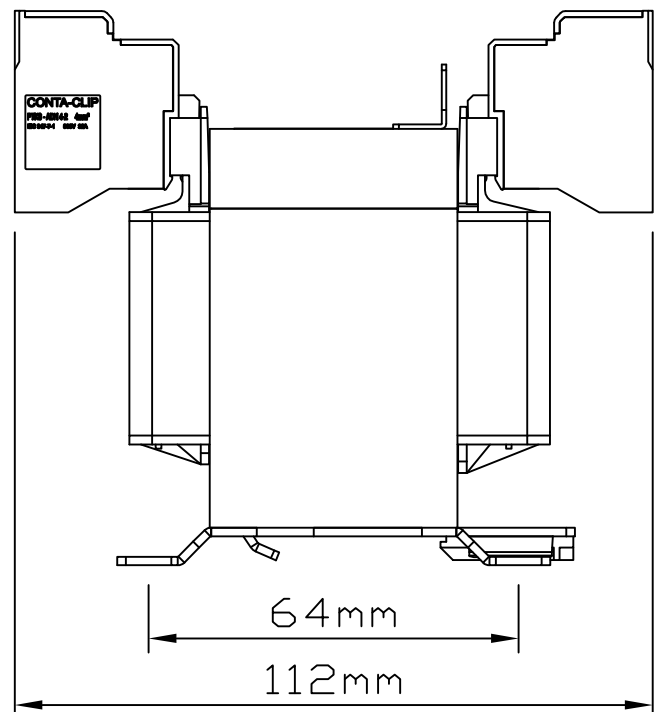
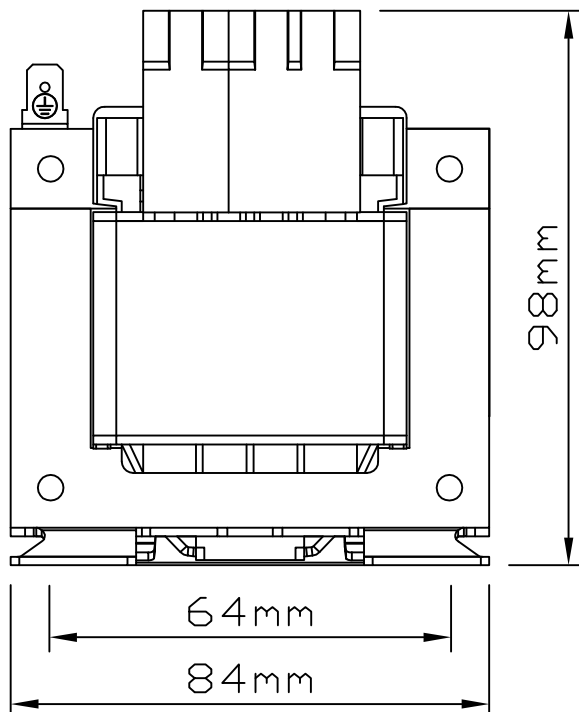


|                                              |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
|----------------------------------------------|----------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Index:                                       |                | Baureihe: <b>STEU</b>                                                             |                                                                                      | <b>Datenblatt</b><br>Technical<br>Specifications                                                                          |                                                          | <b>BLOCK</b><br>Transformatoren-Elektronik<br>GmbH<br>D - 27283 Verden/Aller                                                                                            |  |
| <b>e</b>                                     |                | Art.-Nr.:<br>Art.-No.: <b>STEU 100/48</b>                                         |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Typ                                          |                |                                                                                   |                                                                                      | : 1~ Steuer- und Trenntransformator                                                                                       |                                                          |   |  |
| Type                                         |                |                                                                                   |                                                                                      | : 1~ Control- and Isolating-Transformer                                                                                   |                                                          |                                                                                                                                                                         |  |
| Kernform                                     |                |                                                                                   |                                                                                      | : EI 84/43,5                                                                                                              |                                                          |                                                                                                                                                                         |  |
| Core type                                    |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsspannung, Eingang                  |                |                                                                                   |                                                                                      | : 230V ± 15V / 400V ± 15V                                                                                                 |                                                          |                                                                                                                                                                         |  |
| Designated primary voltage                   |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsstrom, Eingang                     |                |                                                                                   |                                                                                      | : 0,52Aac / 0,30Aac                                                                                                       |                                                          |                                                                                                                                                                         |  |
| Designated primary current                   |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Empfohlene Absicherung, Eingang              |                |  |                                                                                      | : 1,25AT / 0,8AT                                                                                                          |                                                          |                                                                                                                                                                         |  |
| Recommended input fuse                       |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsspannung, Ausgang                  |                |                                                                                   |                                                                                      | : 2x 24V                                                                                                                  |                                                          |                                                                                                                                                                         |  |
| Designated secondary voltage                 |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsstrom, Ausgang                     |                |                                                                                   |                                                                                      | : 2x 2,08Aac                                                                                                              |                                                          |                                                                                                                                                                         |  |
| Designated secondary current                 |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Vorzusehende Absicherung, Ausgang            |                |                                                                                   |                                                                                      | :  2A ETA type 5700                      |                                                          |                                                                                                                                                                         |  |
| Recommended output fuse                      |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsleistung (bei Leistungsfaktor 1)   |                |                                                                                   |                                                                                      | : 100VA                                                                                                                   |                                                          |                                                                                                                                                                         |  |
| Designated output power (power factor 1)     |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Bemessungsleistung (bei Leistungsfaktor 0,5) |                |                                                                                   |                                                                                      | : 310VA                                                                                                                   |                                                          |                                                                                                                                                                         |  |
| Designated output power (power factor 0,5)   |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Schaltgruppe                                 |                |                                                                                   |                                                                                      | : Iii0                                                                                                                    |                                                          |                                                                                                                                                                         |  |
| Connection mode                              |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Betriebsfrequenz                             |                |                                                                                   |                                                                                      | : 50-60Hz                                                                                                                 |                                                          |                                                                                                                                                                         |  |
| Designated frequency                         |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Schutzklasse                                 |                |                                                                                   |                                                                                      | : vorbereitet für Geräte der Schutzklasse I                                                                               |                                                          |                                                                                                                                                                         |  |
| Safety class                                 |                |                                                                                   |                                                                                      | prepared for class I equipment                                                                                            |                                                          |                                                                                                                                                                         |  |
| Schutzart                                    |                |                                                                                   |                                                                                      | : IP00                                                                                                                    |                                                          |                                                                                                                                                                         |  |
| Protection index                             |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Isolierstoffklasse                           |                |                                                                                   |                                                                                      | : B (UL class 130)                                                                                                        |                                                          |                                                                                                                                                                         |  |
| Insulation class                             |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Max. Umgebungstemperatur                     |                |                                                                                   |                                                                                      | : 40°C                                                                                                                    |                                                          |                                                                                                                                                                         |  |
| Ambient temperature                          |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Vorschriften                                 |                |                                                                                   |                                                                                      | : EN 61558 (Teil 1 mit Teil 2-2 und Teil 2-4)                                                                             |                                                          |                                                                                                                                                                         |  |
| Safety Standards                             |                |                                                                                   |                                                                                      | EN 61558 (Part 1 with Part 2-2 and part 2-4)                                                                              |                                                          |                                                                                                                                                                         |  |
| Prüfzeichen                                  |                |                                                                                   |                                                                                      | :  UL File: E103521, UL 5085, CSA 22.2 |                                                          |                                                                                                                                                                         |  |
| Approvals                                    |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| Prüfspannung                                 |                |                                                                                   |                                                                                      | : Primär-Sekundär 4,6 kV                                                                                                  |                                                          |                                                                                                                                                                         |  |
| HV-Test voltage                              |                |                                                                                   |                                                                                      | Primary-Secondary                                                                                                         |                                                          |                                                                                                                                                                         |  |
|                                              |                |                                                                                   |                                                                                      | Primär-Kern 3,2 kV                                                                                                        |                                                          |                                                                                                                                                                         |  |
|                                              |                |                                                                                   |                                                                                      | Primary-Core                                                                                                              |                                                          |                                                                                                                                                                         |  |
|                                              |                |                                                                                   |                                                                                      | Sekundär-Kern 1,8 kV                                                                                                      |                                                          |                                                                                                                                                                         |  |
|                                              |                |                                                                                   |                                                                                      | Secondary-Core                                                                                                            |                                                          |                                                                                                                                                                         |  |
| Anschluß ( Eingang )                         |                |                                                                                   |                                                                                      | : Push-in Klemme 4,0mm <sup>2</sup>                                                                                       |                                                          |                                                                                                                                                                         |  |
| Terminal ( Input )                           |                |                                                                                   |                                                                                      | Push-in terminal 4,0mm <sup>2</sup>                                                                                       |                                                          |                                                                                                                                                                         |  |
| Anschluß ( Ausgang )                         |                |                                                                                   |                                                                                      | : Push-in Klemme 4,0mm <sup>2</sup>                                                                                       |                                                          |                                                                                                                                                                         |  |
| Terminal ( Output )                          |                |                                                                                   |                                                                                      | Push-in terminal 4,0mm <sup>2</sup>                                                                                       |                                                          |                                                                                                                                                                         |  |
| Anschluß ( PE )                              |                |                                                                                   |                                                                                      | : Steckanschluß 6,3x0,8mm                                                                                                 |                                                          |                                                                                                                                                                         |  |
| Terminal ( PE )                              |                |                                                                                   |                                                                                      | Plug connection 6,3x0,8mm                                                                                                 |                                                          |                                                                                                                                                                         |  |
| Bemerkungen                                  |                |                                                                                   |                                                                                      | : Die angegebenen technischen Daten sind typisch. Material- und fertigungsbedingt können Abweichungen auftreten.          |                                                          |                                                                                                                                                                         |  |
| Notes                                        |                |                                                                                   |                                                                                      | Technical specifications are typical, they can vary due to material and production tolerances.                            |                                                          |                                                                                                                                                                         |  |
| 1/2                                          |                |                                                                                   |                                                                                      |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| e                                            | Date: 11.10.22 | Name: Spöring                                                                     | Amendment: Type plate removed; Drawings changed, Terminal changed; HV values changed |                                                                                                                           |                                                          |                                                                                                                                                                         |  |
| d                                            | Date: 29.07.16 | Name: Clasen                                                                      | Date: 29.07.16                                                                       | Checked: Reinhardt                                                                                                        | Amendment: Values of primary fuses changed               |                                                                                                                                                                         |  |
| c                                            | Date: 04.07.16 | Name: Kliesch                                                                     | Date: 04.07.16                                                                       | Checked: Clasen                                                                                                           | Amendment: alternativ output fuse added                  |                                                                                                                                                                         |  |
| b                                            | Date: 09.06.16 | Name: Lehnert                                                                     | Date: 14.06.16                                                                       | Checked: Clasen                                                                                                           | Amendment: Primary fuses added                           |                                                                                                                                                                         |  |
| a                                            | Date: 29.02.16 | Name: Chlustow                                                                    | Date: 15.03.16                                                                       | Checked: Clasen                                                                                                           | Amendment: VDE 0570 removed, HV-test and marking updated |                                                                                                                                                                         |  |
| Date: 25.08.08                               |                | Date: 25.08.08                                                                    |                                                                                      | Schutzvermerk nach ISO 16016 beachten                                                                                     |                                                          | Änderungen vorbehalten                                                                                                                                                  |  |
| Name: J. Thiel                               |                | Checked: Reinhardt                                                                |                                                                                      | Observe protection clause to ISO 16016                                                                                    |                                                          | Subject to change                                                                                                                                                       |  |

**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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