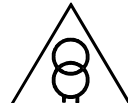
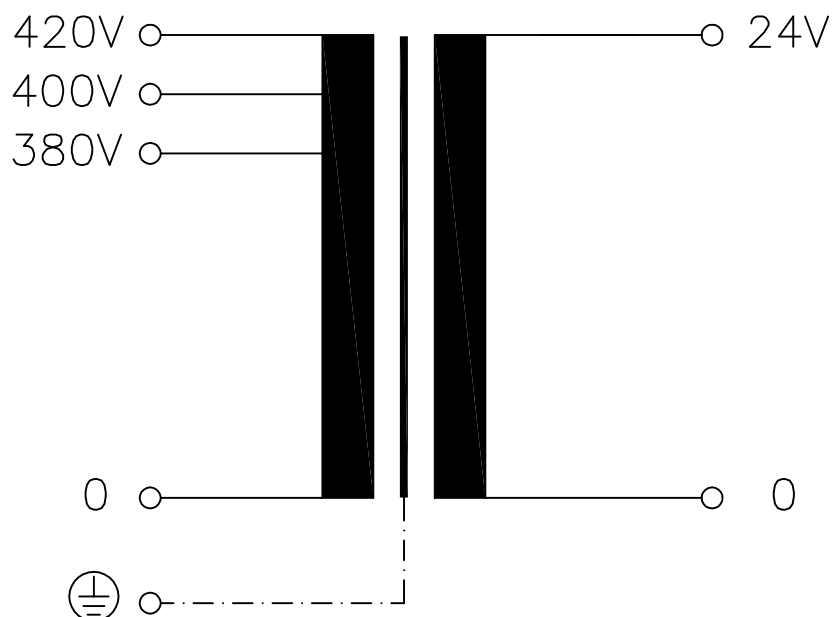


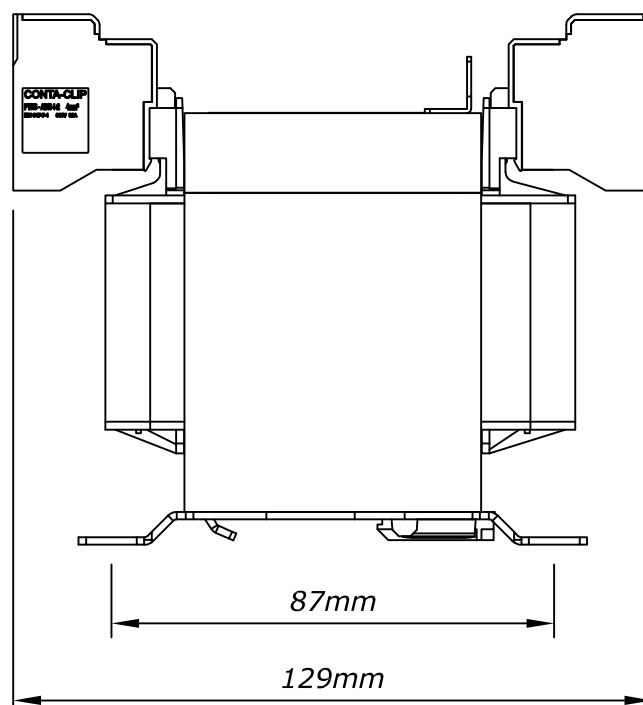
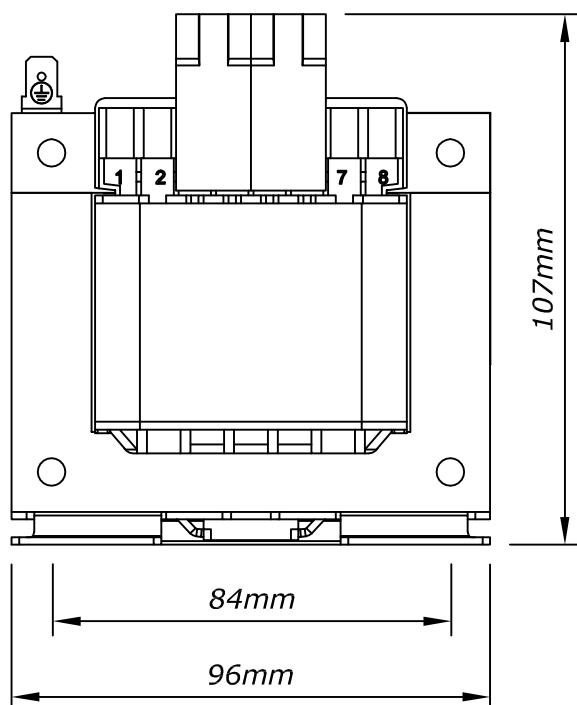
|                                                                                            |  |                                                                                                                                                                                                                |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
|--------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Index:                                                                                     |  | Baureihe: <b>STE</b>                                                                                                                                                                                           |  | <b>Datenblatt</b><br>Technical<br>Specifications |  | <b>BLOCK</b><br>Transformatoren-Elektronik<br>GmbH<br>D – 27283 Verden/Aller |  |                                                                                     |                                                                                     |
| <b>b</b>                                                                                   |  | Art.-Nr.: <b>STE 250/4/24</b>                                                                                                                                                                                  |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Typ<br>Type                                                                                |  | : 1~ <i>Steuer-und Sicherheitstransformator</i><br>1~ Voltage control and safety isolating transformer                                                                                                         |  |                                                  |  |                                                                              |  |  |  |
| Kernform<br>Core type                                                                      |  | : EI 96/59,7                                                                                                                                                                                                   |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsspannung, Eingang<br>Designated input voltage                                    |  | : 400V ±5%                                                                                                                                                                                                     |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsstrom, Eingang<br>Designated input current                                       |  | : 0,71Aac                                                                                                                                                                                                      |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsspannung, Ausgang<br>Designated output voltage                                   |  | : 24V                                                                                                                                                                                                          |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsstrom, Ausgang<br>Designated output current                                      |  | : 10,42Aac                                                                                                                                                                                                     |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Vorzusehende Absicherung, Ausgang<br>Recommended output fuse                               |  | :  10,0A ETA type 5700                                                                                                        |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Einschaltdauer<br>Duty cycle                                                               |  | : 100%                                                                                                                                                                                                         |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsleistung (bei Leistungsfaktor 1)<br>Designated output power (power factor 1)     |  | : 250VA                                                                                                                                                                                                        |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Bemessungsleistung (bei Leistungsfaktor 0,5)<br>Designated output power (power factor 0.5) |  | : 850VA                                                                                                                                                                                                        |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Verlustleistung (max. +20%)<br>Power loss (max. +20%)                                      |  | : typ. 30,7W (Fe= 9,5W, Cu= 21,2W)<br>typ 30.7W (Fe= 9.5W, Cu= 21.2W)                                                                                                                                          |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Schaltgruppe<br>Connection mode                                                            |  | : Ii0                                                                                                                                                                                                          |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Betriebsfrequenz<br>Designated frequency                                                   |  | : 50-60Hz                                                                                                                                                                                                      |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Schutzklasse<br>Safety class                                                               |  | : <i>vorbereitet für Geräte der Schutzklasse I</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 2-6<br>EN 61558 part 1 with part 2-2 and part 2-6                                                                                                                      |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Prüfzeichen<br>Approvals                                                                   |  | :  UL 5085, CSA 22.2 (E 103521)                                                                                             |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| Prüfspannung<br>HV-Test voltage                                                            |  | : Primär-Sekundär 4,6<br>Primary-Secondary                                                                                                                                                                     |  | Sekundär-Kern 1,3 kV<br>Secondary-Core           |  |                                                                              |  |                                                                                     |                                                                                     |
|                                                                                            |  | Primär-Kern 3,2<br>Primary-Core                                                                                                                                                                                |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| 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 )                                                         |  | : Steckanschluß 6,3x0,8mm<br>Plug Type terminal 6,3x0,8mm                                                                                                                                                      |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
| 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 product tolerances. |  |                                                  |  |                                                                              |  |                                                                                     |                                                                                     |
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|                |                |                    |                                                                                |                                        |                               |                        |  |
|----------------|----------------|--------------------|--------------------------------------------------------------------------------|----------------------------------------|-------------------------------|------------------------|--|
| b              | Date: 30.09.22 | Name: Spöring      | Amendment: Type plate removed; HV and current values changed; Drawings changed |                                        |                               |                        |  |
| a              | Date: 02.11.10 | Name: Jochade      | Date:                                                                          | Checked:                               | Amendment: HV-Werte angepasst |                        |  |
| Date: 27.08.08 |                | Date: –            |                                                                                | 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. 3,5kg**  
Weight: approx. 3,5kg

**Befestigung: Langloch 5,3x9mm alternativ Tragschienenmontage nach DIN 50022**  
Mounting: Slotted hole 5,3x9mm alternative panel installation on mounting rails to DIN 50022

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