

## MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 1000VA IN: 208...550VAC OUT: 2x115VAC

Art.No.: 86151

Weight: 13.300 kg

Country of origin: CZ

Model designation: MST 1000-208...550/2x115

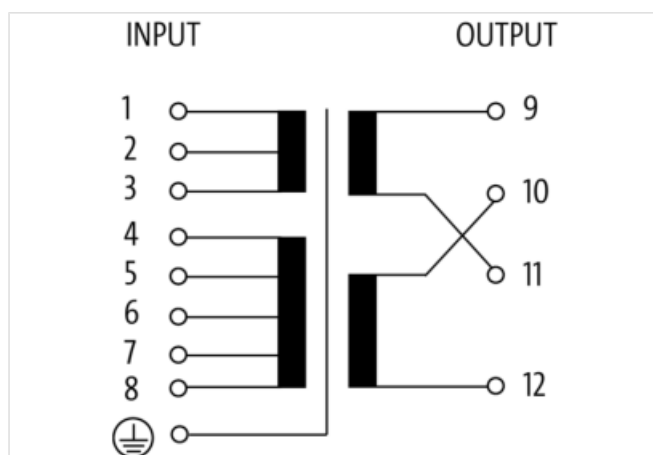
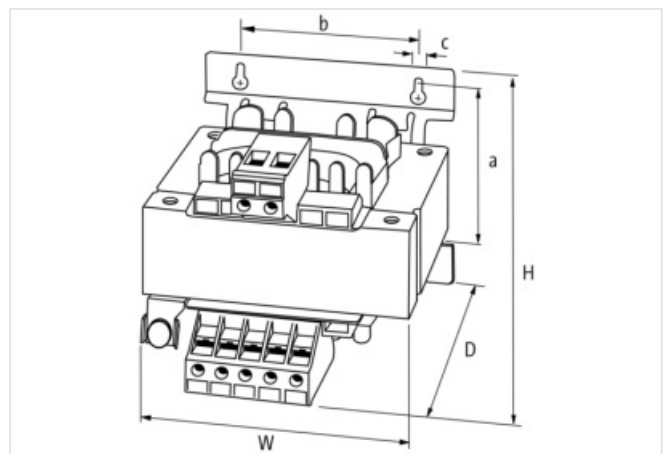
Single-phase - Control and Isolation Transformers  
1000 VA

Isolation class T 40/B

Other voltages on request.

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### Commercial data

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| URL Webshop              | <a href="https://shop.murrelektronik.com/86151">https://shop.murrelektronik.com/86151</a> |
| GTIN                     | 4048879078726                                                                             |
| EU-Customs tariff number | 85043180                                                                                  |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-08-27

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|                          |               |
|--------------------------|---------------|
| US-Customs tariff number | 8504314065    |
| ECLASS-6.0               | 27031302      |
| ECLASS-6.1               | 27031302      |
| ECLASS-7.0               | 27031302      |
| ECLASS-7.1               | 27031302      |
| ECLASS-8.0               | 27031302      |
| ECLASS-8.1               | 27031302      |
| ECLASS-9.0               | 27031302      |
| ECLASS-9.1               | 27031302      |
| ECLASS-10.0.1            | 27031302      |
| ECLASS-10.1              | 27031302      |
| ECLASS-11.0              | 27031302      |
| ECLASS-11.1              | 27031302      |
| ECLASS-12.0              | 27031302      |
| ECLASS-13.0              | 27031302      |
| ECLASS-14.0              | 27031302      |
| ETIM-5.0                 | EC002486      |
| ETIM-6.0                 | EC002486      |
| ETIM-7.0                 | EC002486      |
| ETIM-8.0                 | EC002486      |
| ETIM-9.0                 | EC002486      |
| ETIM-10.0                | EC002486      |
| customs tariff number    | 85043180      |
| EAN                      | 4048879078726 |
| Packaging unit           | 1             |

#### Electrical data | Supply

|                 |              |
|-----------------|--------------|
| Power frequency | 50 ... 60 Hz |
|-----------------|--------------|

#### Electrical data | Input

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| Input voltage AC                         | 420, 208, 525, 550, 230, 380, 400, 440, 460, 480, 500 |
| Nominal input voltage AC                 | 230 V ... 400 V                                       |
| Nominal current AC                       | 4.73 A @ 230 V, 2.72 A @ 400 V                        |
| Inrush current at input voltage 1        | 66 A                                                  |
| Inrush current at input voltage 2        | 38 A                                                  |
| Short-circuit current at input voltage 1 | 148 A                                                 |
| Short-circuit current at input voltage 2 | 85 A                                                  |

#### Electrical data | Output

|                           |                                  |
|---------------------------|----------------------------------|
| Output voltage adjustable | Yes                              |
| Output voltage            | 1 × 230 / 1 × 115 / 2 × 115 V AC |
| Output voltage AC 1       | 230 V                            |
| Output voltage AC 2       | 115 V                            |
| Power rating AC max.      | 1.000 VA                         |

#### Device protection | Electrical

|                                        |      |
|----------------------------------------|------|
| Insulation test voltage input - output | 4 kV |
|----------------------------------------|------|

#### Mechanical data | Mounting data

|                            |                  |
|----------------------------|------------------|
| Height                     | 128 mm           |
| Width                      | 174 mm           |
| Depth                      | 160 mm           |
| Suitable for mounting type | Keyhole mounting |
| Mounting dimension a       | 102 mm           |
| Mounting dimension b       | 135 mm           |
| Mounting dimension c       | 7 mm             |
| Diameter bore              | 7 mm             |

Length bore 11 mm

#### Environmental characteristics | Climatic

|                                          |                  |
|------------------------------------------|------------------|
| Operating temperature min.               | -20 °C           |
| Operating temperature max.               | 40 °C            |
| Ambient temperature (storage, transport) | -40 °C ... 80 °C |

#### Conformity

Product standard EN IEC 61558-1, EN IEC 61558-2-4, IEC 62041 category 0

#### Connection type 5

|                          |                      |
|--------------------------|----------------------|
| Connection type 1        | Input                |
| Connection type 2        | Input                |
| Connection type 3        | Output               |
| Connection type 4        | Output               |
| Family construction form | terminal             |
| No. of poles             | 8                    |
| Gender                   | female               |
| Connection               | Screw terminals SK   |
| PIN 1                    | 1                    |
| PIN 2                    | 2                    |
| PIN 3                    | 3                    |
| PIN 4                    | 4                    |
| PIN 5                    | 5                    |
| PIN 6                    | 6                    |
| PIN 7                    | 7                    |
| PIN 8                    | 8                    |
| Family construction form | terminal             |
| No. of poles             | 8                    |
| Gender                   | female               |
| Connection               | Plug-in terminals RK |
| PIN 1                    | 1                    |
| PIN 2                    | 2                    |
| PIN 3                    | 3                    |
| PIN 4                    | 4                    |
| PIN 5                    | 5                    |
| PIN 6                    | 6                    |
| PIN 7                    | 7                    |
| PIN 8                    | 8                    |
| Family construction form | terminal             |
| No. of poles             | 4                    |
| Gender                   | female               |
| Connection               | Screw terminals SK   |
| PIN 1                    | 9                    |
| PIN 2                    | 10                   |
| PIN 3                    | 11                   |
| PIN 4                    | 12                   |
| Family construction form | terminal             |
| No. of poles             | 4                    |
| Gender                   | female               |
| Connection               | Plug-in terminals RK |
| PIN 1                    | 9                    |
| PIN 2                    | 10                   |
| PIN 3                    | 11                   |
| PIN 4                    | 12                   |
| Family construction form | terminal             |

|                       |                    |
|-----------------------|--------------------|
| No. of poles          | 1                  |
| Gender                | female             |
| Color contact carrier | metallic           |
| Connection            | Screw terminals SK |
| PIN 1                 | PE                 |