

**MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER**

P: 250VA IN: 208...550VAC OUT: 2x115VAC

Art.No.: 86145

Weight: 4.000 kg

Country of origin: CZ

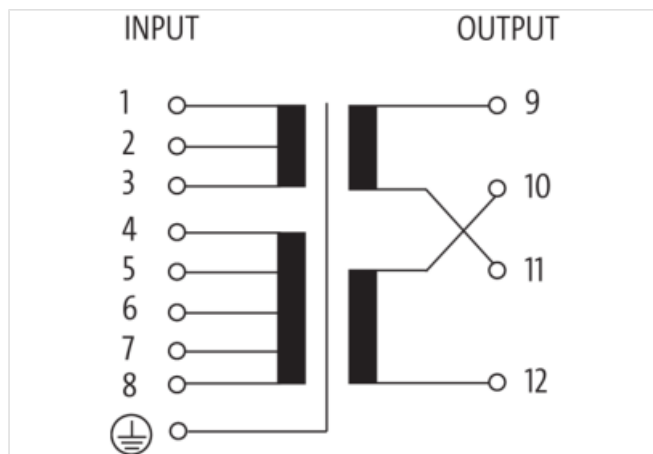
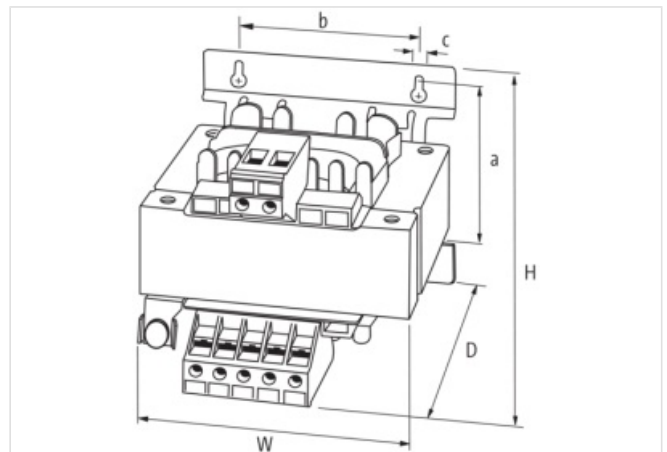
Model designation: MST 0250-208...550/2x115

Single-phase - Control and Isolation Transformers

250 VA

Isolation class T 40/B

Other voltages on request.

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

MST 0250-208...550/2x115

**Commercial data**

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/86145">https://shop.murrelektronik.com/86145</a> |
| GTIN                  | 4048879444729                                                                             |
| 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                                                                                  |
| customs tariff number | 85043180                                                                                  |
| EAN                   | 4048879444729                                                                             |
| 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                 | 208 V                                                 |
| Nominal current AC                       | 1.36 A @ 208 V , 0.51 A @ 550 V                       |
| Inrush current at input voltage 1        | 26 A                                                  |
| Inrush current at input voltage 2        | 9,6 A                                                 |
| Short-circuit current at input voltage 1 | 25 A                                                  |
| Short-circuit current at input voltage 2 | 9,2 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.      | 250 VA                           |

#### Device protection | Electrical

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

#### Mechanical data | Mounting data

|                            |                          |
|----------------------------|--------------------------|
| Height                     | 104 mm                   |
| Width                      | 120 mm                   |
| Depth                      | 112 mm                   |
| Suitable for mounting type | Schlüsselloch aufhängung |
| Mounting dimension a       | 74,4 mm                  |
| Mounting dimension b       | 90 mm                    |
| Diameter bore              | 5,8 mm                   |
| Length bore                | 10 mm                    |

#### Environmental characteristics | Climatic

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

**Conformity**

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