

## MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 500VA IN: 230/400VAC OUT: 230VAC

Art.No.: 86308

Weight: 6.450 kg

Country of origin: CZ

Model designation: MST 0500-230-400/230

Single-phase - Control and Isolation Transformers

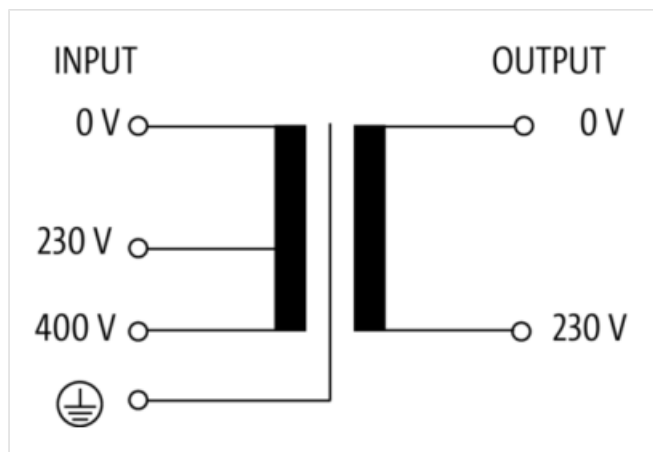
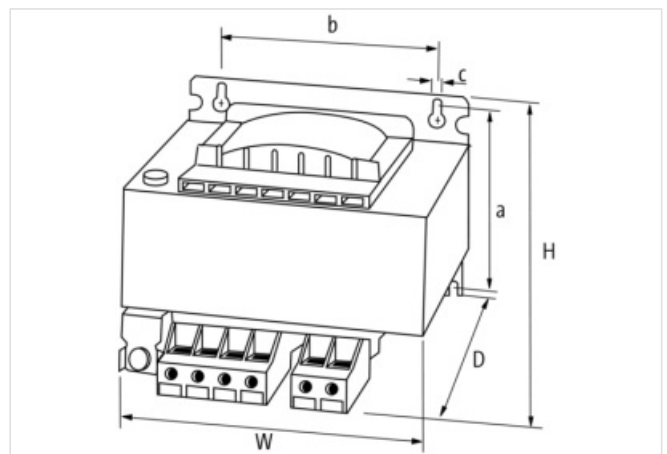
500 VA

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/86308">https://shop.murrelektronik.com/86308</a> |
| GTIN                     | 4048879078658                                                                             |
| 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                      | 4048879078658 |
| Packaging unit           | 1             |

#### Electrical data | Supply

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

#### Electrical data | Input

|                                          |                              |
|------------------------------------------|------------------------------|
| Nominal input voltage AC                 | 230 V ... 400 V              |
| Nominal current AC                       | 2.4 A @ 230 V, 1.4 A @ 400 V |
| Inrush current at input voltage 1        | 28,1 A                       |
| Inrush current at input voltage 2        | 16,3 A                       |
| Short-circuit current at input voltage 1 | 54 A                         |
| Short-circuit current at input voltage 2 | 31,2 A                       |

#### Electrical data | Output

|                           |        |
|---------------------------|--------|
| Output voltage adjustable | No     |
| Output voltage AC         | 230 V  |
| Power rating AC max.      | 500 VA |

#### Device protection | Electrical

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

#### Mechanical data | Mounting data

|                            |                  |
|----------------------------|------------------|
| Height                     | 108 mm           |
| Width                      | 135 mm           |
| Depth                      | 133,6 mm         |
| Suitable for mounting type | Keyhole mounting |
| Mounting dimension a       | 87 mm            |
| Mounting dimension b       | 104 mm           |
| Mounting dimension c       | 5,8 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) | -40 °C ... 80 °C |

**Conformity**

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