

## MTS 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 250VA IN: 230/400VAC OUT: 230VAC

Art.No.: 86351

Weight: 3.550 kg

Country of origin: CZ

Model designation: MTS 0250-230-400/230

Single-phase - Control and Isolation Transformers

250 VA

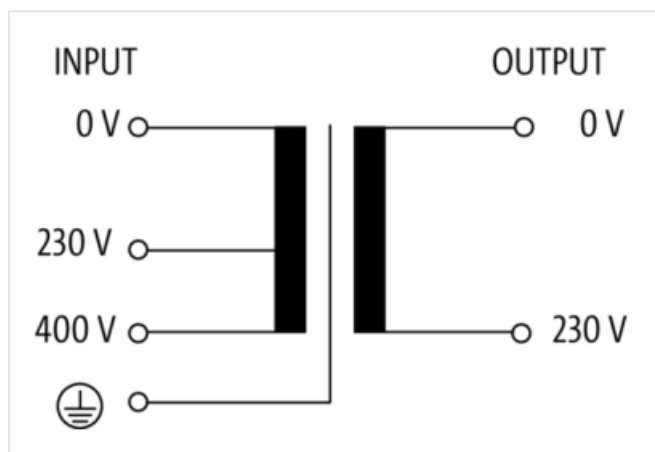
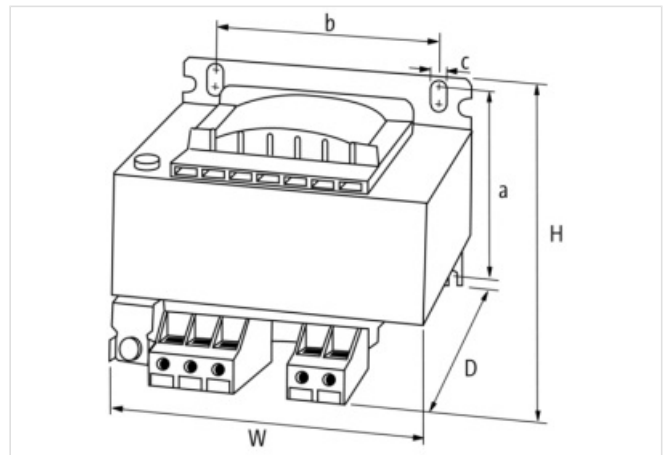
Isolation class T 40/B

Protection IP20

Other voltages on request.

### Link to Product

#### Illustration



Product may differ from Image



#### Commercial data

URL Webshop

<https://shop.murrelektronik.com/86351>

GTIN

4048879078467

|                          |               |
|--------------------------|---------------|
| EU-Customs tariff number | 85043180      |
| 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                      | 4048879078467 |
| 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                       | 1.17 A @ 230 V, 0.67 A @ 400 V |
| Inrush current at input voltage 1        | 8,35 A                         |
| Inrush current at input voltage 2        | 4,82 A                         |
| Short-circuit current at input voltage 1 | 17 A                           |
| Short-circuit current at input voltage 2 | 9,8 A                          |

#### Electrical data | Output

|                           |        |
|---------------------------|--------|
| Output voltage adjustable | No     |
| Output voltage AC         | 230 V  |
| Power rating AC max.      | 250 VA |

#### Device protection | Electrical

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

#### Mechanical data | Mounting data

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| Height                     | 102 mm                                             |
| Width                      | 96 mm                                              |
| Depth                      | 108 mm                                             |
| Mounting method            | geschnappt                                         |
| Suitable for mounting type | Mounting rail TH35, Long-hole mounting, (EN 60715) |
| Mounting dimension a       | 86,5 mm                                            |
| Mounting dimension b       | 84 mm                                              |
| Mounting dimension c       | 4,8 mm                                             |
| Diameter bore              | 4,8 mm                                             |
| Length bore                | 8,4 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 3**

|                          |                    |
|--------------------------|--------------------|
| Connection type 1        | Input              |
| Connection type 2        | Output             |
| Family construction form | terminal           |
| No. of poles             | 3                  |
| Gender                   | female             |
| Connection               | Screw terminals SK |
| PIN 2                    | 230 V              |
| PIN 3                    | 400 V              |
| Family construction form | terminal           |
| No. of poles             | 2                  |
| Gender                   | female             |
| Connection               | Screw terminals SK |
| PIN 2                    | 230 V              |
| Family construction form | terminal           |
| No. of poles             | 1                  |
| Gender                   | female             |
| Color contact carrier    | metallic           |
| Connection               | Screw terminals SK |
| PIN 1                    | PE                 |