

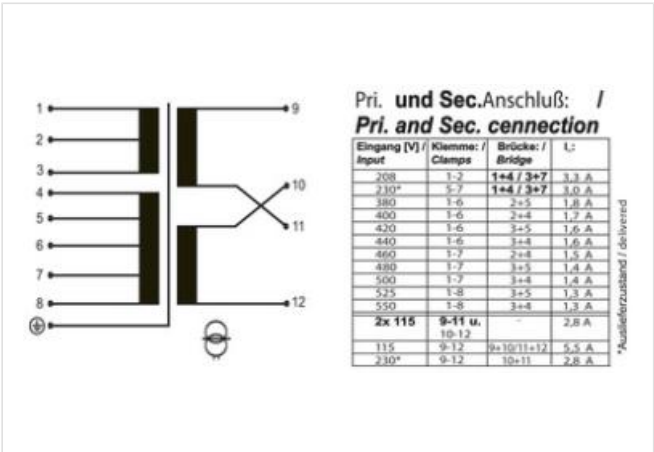
MST 1-PHASE CONTROL AND ISOLATION TRANSFORMER

P: 630VA IN: 208...550VAC OUT: 2x115VAC

Single-phase - Control and Isolation Transformers  
630 VA  
Isolation class T 40/B  
Other voltages on request.

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27031302 |
| ECLASS-6.1      | 27031302 |
| ECLASS-7.0      | 27031302 |
| ECLASS-8.0      | 27031302 |
| ECLASS-9.0      | 27031302 |
| ECLASS-10.1     | 27031302 |

|                       |               |
|-----------------------|---------------|
| ECLASS-11.1           | 27031302      |
| ECLASS-12.0           | 27031302      |
| ETIM-5.0              | EC002486      |
| customs tariff number | 85043180      |
| GTIN                  | 4048879449120 |
| Packaging unit        | 1             |

**Electrical data | Supply**

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

**Electrical data | Input**

|                                     |                                                       |
|-------------------------------------|-------------------------------------------------------|
| Input voltage 1 AC                  | 230 V                                                 |
| Input voltage 2 AC                  | 400 V                                                 |
| Input voltage AC                    | 208, 230, 380, 400, 420, 440, 460, 480, 500, 525, 550 |
| Input voltage AC                    | 230 V                                                 |
| Input current at input voltage 1 AC | 3 A                                                   |
| Input current at input voltage 2 AC | 1,5 A                                                 |
| Max. inrush current                 | 12 A                                                  |
| Short-circuit current               | 15,6 A                                                |

**Electrical data | Output**

|                           |                                  |
|---------------------------|----------------------------------|
| Output voltage            | 1 × 230 / 1 × 115 / 2 × 115 V AC |
| Output voltage AC 1       | 230 V                            |
| Output voltage AC 2       | 115 V                            |
| Output voltage adjustable | yes                              |
| Power rating AC max.      | 630 VA                           |

**Device protection | Electrical**

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

**Mechanical data | Mounting data**

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| Mounting method            | geschnappt                                         |
| Suitable for mounting type | Mounting rail TH35, Long-hole mounting, (EN 60715) |
| Mounting dimension a       | 107,5 mm                                           |
| Mounting dimension b       | 122 mm                                             |
| Height                     | 129,4 mm                                           |
| Width                      | 150 mm                                             |
| Depth                      | 150 mm                                             |
| Diameter bore              | 4,8 mm                                             |
| Length bore                | 8,4 mm                                             |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 40 °C  |
| Storage temperature min.   | -40 °C |
| Storage temperature max.   | 80 °C  |

**Conformity**

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

**Connection type 5**

|                          |                    |
|--------------------------|--------------------|
| Connection type 1        | Input              |
| Connection type 2        | Input              |
| Connection type 3        | Output             |
| Connection type 4        | Output             |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 8                  |

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