

**MTL 1-PHASE SAFETY TRANSFORMER**

P: 400VA IN: 230/400VAC +/- 15VAC OUT: 2x24VAC

Single-phase safety transformer  
400 VA  
Spring clamp terminals  
Isolation class T 60/B

[Link to Product](#)

Illustration



Product may differ from Image

Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27031302      |
| ECLASS-7.0            | 27031302      |
| ECLASS-8.0            | 27031302      |
| ECLASS-9.0            | 27031302      |
| ETIM-5.0              | EC002486      |
| customs tariff number | 85043180      |
| GTIN                  | 4048879065924 |
| Packaging unit        | 1             |

Electrical data | Supply

Power frequency 50 ... 60 Hz

**Electrical data | Input**

|                                          |         |
|------------------------------------------|---------|
| Input voltage 1 AC                       | 230 V   |
| Input voltage 1 AC min.                  | 195,5 V |
| Input voltage 1 AC max.                  | 264,5 V |
| Input voltage 2 AC                       | 400 V   |
| Input voltage 2 AC min.                  | 340 V   |
| Input voltage 2 AC max.                  | 460 V   |
| Input current at input voltage 1 AC      | 2,04 A  |
| Input current at input voltage 2 AC      | 1,18 A  |
| Inrush current at input voltage 1        | 32,2 A  |
| Inrush current at input voltage 2        | 18,58 A |
| Short-circuit current at input voltage 1 | 61,9 A  |
| Short-circuit current at input voltage 2 | 35,7 A  |

**Electrical data | Output**

|                           |                               |
|---------------------------|-------------------------------|
| Output voltage            | 1 × 24 / 1 × 48 / 2 × 24 V AC |
| Output voltage AC 1       | 48 V                          |
| Output voltage AC 2       | 24 V                          |
| Output voltage adjustable | yes                           |
| Power rating AC max.      | 400 VA                        |

**Device protection | Electrical**

|                                        |        |
|----------------------------------------|--------|
| Insulation test voltage input - output | 5,1 kV |
|----------------------------------------|--------|

**Mechanical data | Mounting data**

|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| Mounting method            | geschnappt                                               |
| Suitable for mounting type | Tragschiene TH35-15, Schlüssellochaufhängung, (EN 60715) |
| Mounting dimension a       | 90,6 mm                                                  |
| Mounting dimension b       | 122 mm                                                   |
| Mounting dimension c       | 7 mm                                                     |
| Height                     | 112,5 mm                                                 |
| Width                      | 150 mm                                                   |
| Depth                      | 160 mm                                                   |
| Diameter bore              | 7 mm                                                     |
| Length bore                | 11 mm                                                    |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 60 °C  |
| Storage temperature min.   | -40 °C |
| Storage temperature max.   | 80 °C  |

**Conformity**

|                  |                                                 |
|------------------|-------------------------------------------------|
| Product standard | EN 61558-2-4, EN 61558-2-6, EN 62041 category 0 |
|------------------|-------------------------------------------------|

**Connection type 2**

|                          |                    |
|--------------------------|--------------------|
| Connection type 1        | Input              |
| Connection type 2        | Output             |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 5                  |
| PIN 1                    | + 15 V             |
| PIN 3                    | - 15 V             |
| PIN 4                    | 230 V              |
| PIN 5                    | 400 V              |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |

|              |        |
|--------------|--------|
| Gender       | female |
| No. of poles | 7      |
| PIN 1        | PE     |
| PIN 2        | 1      |
| PIN 3        | 2      |
| PIN 4        | 3      |
| PIN 5        | 4      |
| PIN 6        | 5      |
| PIN 7        | 6      |