

Single-phase

Control, isolation and safety transformers to EN 61558

Touch protected to EN 60529 (IP20)

Isolation class T 40/B

Approvals:



MST

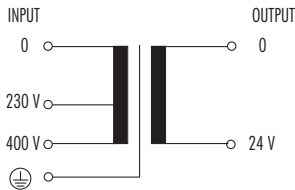
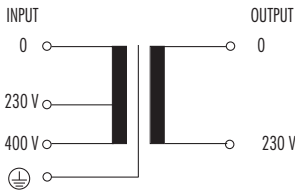
Input voltage 230/400 V AC  
Output voltage 230 V AC



MST

Input voltage 230/400 V AC  
Output voltage 24 V AC SELV

Circuit diagram



| Ordering data        | Art.-No. | Art.-No. |
|----------------------|----------|----------|
| Nominal power rating |          |          |
| 40 VA                | 86346    | 86340    |
| 63 VA                | 86347    | 86341    |
| 100 VA               | 86348    | 86342    |
| 160 VA               | 86349    | 86343    |
| 250 VA               | 86351    | 86345    |
|                      |          |          |
|                      |          |          |
|                      |          |          |
|                      |          |          |
|                      |          |          |
|                      |          |          |
|                      |          |          |

| Technical data            |                                                    |                                      |
|---------------------------|----------------------------------------------------|--------------------------------------|
| Input voltage             | 230/400 V AC                                       |                                      |
| Output voltage            | 230 V AC                                           | 24 V AC SELV                         |
| Frequency                 | 50/60 Hz                                           |                                      |
| Transformer specification | EN 61558-2-4 and EN 62041 category 0               | EN 61558-2-6 and EN 62041 category 0 |
| Test voltage              | prim./sec. 4 kV AC                                 |                                      |
| Isolation class           | T 40/B                                             |                                      |
| Temperature range         | -20...+40 °C, no condensation                      |                                      |
| Mounting method           | long-hole or DIN-rail mounting to EN 60715 (TH 35) |                                      |

| Dimension drawing/Dimensions | (mm)   |                  |                 |           |         |  |
|------------------------------|--------|------------------|-----------------|-----------|---------|--|
|                              |        | H x B x T        | a x b x c       | Ø         | Weight  |  |
|                              | 40 VA  | 77.5 x 78 x 93   | 56 x 56 x 4.8   | 4.8 x 8.1 | 0.8 kg  |  |
|                              | 63 VA  | 77.5 x 78 x 93   | 56 x 56 x 4.8   | 4.8 x 8.1 | 1.15 kg |  |
|                              | 100 VA | 85.5 x 84 x 98   | 65.5 x 64 x 4.8 | 4.8 x 8.1 | 2.0 kg  |  |
|                              | 160 VA | 102 x 96 x 105.5 | 87 x 84 x 5.8   | 5.8 x 9   | 2.65 kg |  |
|                              | 250 VA | 102 x 96 x 105.5 | 84 x 84 x 5.8   | 5.8 x 9   | 3.45 kg |  |
|                              |        |                  |                 |           |         |  |
|                              |        |                  |                 |           |         |  |
|                              |        |                  |                 |           |         |  |
|                              |        |                  |                 |           |         |  |

| Notes | For other voltages on request. |
|-------|--------------------------------|
|-------|--------------------------------|

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Touch protected to EN 60529 (IP20)

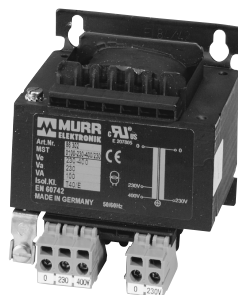
Isolation class T 40/B

Approvals:



## MTS

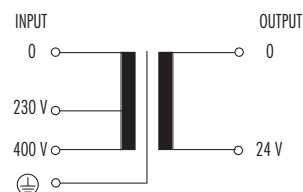
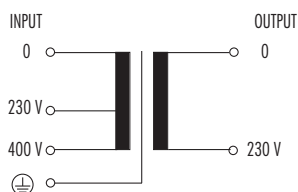
Input voltage 230/400 V AC  
Output voltage 230 V AC



## MTS

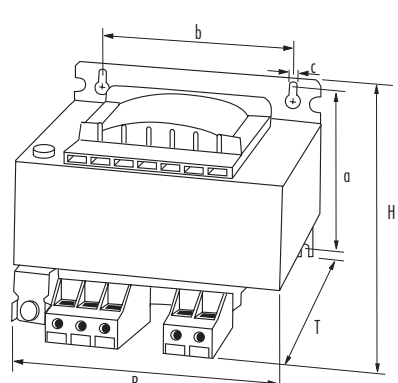
Input voltage 230/400 V AC  
Output voltage 24 V AC SELV

### Circuit diagram



| Ordering data        | Art.-No. | Art.-No. |
|----------------------|----------|----------|
| Nominal power rating |          |          |
| 40 VA                | 86300    | 86320    |
| 63 VA                | 86301    | 86321    |
| 100 VA               | 86302    | 86322    |
| 160 VA               | 86303    | 86323    |
| 200 VA               | 86304    | 86324    |
| 250 VA               | 86305    | 86325    |
| 320 VA               | 86306    | 86326    |
| 400 VA               | 86307    | 86327    |
| 500 VA               | 86308    | 86328    |
| 630 VA               | 86309    | 86329    |
| 800 VA               | 86310    | 86330    |
| 1000 VA              | 86311    | 86331    |

| Technical data            |                                      |                                      |
|---------------------------|--------------------------------------|--------------------------------------|
| Input voltage             | 230/400 V AC                         |                                      |
| Output voltage            | 230 V AC                             | 24 V AC SELV                         |
| Frequency                 | 50/60 Hz                             |                                      |
| Transformer specification | EN 61558-2-4 and EN 62041 category 0 | EN 61558-2-6 and EN 62041 category 0 |
| Test voltage              | prim./sec. 4 kV AC                   |                                      |
| Isolation class           | T 40/B                               |                                      |
| Temperature range         | -20...+40 °C, no condensation        |                                      |
| Mounting method           | key-hole mounting                    |                                      |

| Dimension drawing/Dimensions (mm)                                                   |         |                   |                 |           |         |
|-------------------------------------------------------------------------------------|---------|-------------------|-----------------|-----------|---------|
|  |         | H x B x T         | a x b x c       | Ø         | Weight  |
|                                                                                     | 40 VA   | 80 x 66 x 78      | 53 x 50 x 4.8   | 4.8 x 8.1 | 0.8 kg  |
|                                                                                     | 63 VA   | 73 x 78 x 87      | 47.5 x 56 x 4.8 | 4.8 x 8.1 | 1.15 kg |
|                                                                                     | 100 VA  | 83 x 84 x 92      | 65.5 x 64 x 4.8 | 4.8 x 8.1 | 2.0 kg  |
|                                                                                     | 160 VA  | 92 x 96 x 102     | 75.5 x 84 x 5.8 | 5.8 x 9   | 2.65 kg |
|                                                                                     | 200 VA  | 92 x 96 x 102     | 75.5 x 84 x 5.8 | 5.8 x 9   | 2.85 kg |
|                                                                                     | 250 VA  | 106 x 96 x 102    | 84 x 84 x 5.8   | 5.8 x 9   | 3.45 kg |
|                                                                                     | 320 VA  | 92.5 x 120 x 120  | 74.5 x 90 x 5.8 | 5.8 x 9   | 4.15 kg |
|                                                                                     | 400 VA  | 104.5 x 120 x 120 | 86.5 x 90 x 5.8 | 5.8 x 9   | 5.15 kg |
|                                                                                     | 500 VA  | 108 x 135 x 132   | 87 x 104 x 5.8  | 5.8 x 9   | 6.5 kg  |
|                                                                                     | 630 VA  | 112 x 150 x 145   | 90 x 122 x 7.0  | 7.0 x 10  | 7.7 kg  |
|                                                                                     | 800 VA  | 129 x 144 x 142   | 107 x 122 x 7.0 | 7.0 x 10  | 10.1 kg |
|                                                                                     | 1000 VA | 129 x 174 x 158   | 102 x 135 x 7.0 | 7.0 x 10  | 12.3 kg |

| Notes |  |
|-------|--|
|-------|--|

For other voltages on request.