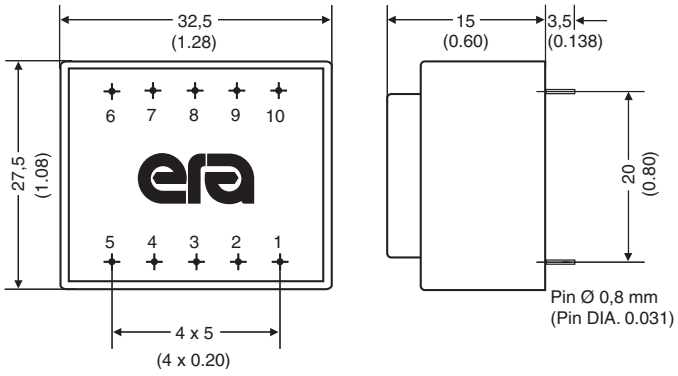
# LAMINATED TRANSFORMERS
## Type EI30 / 5 - 0.5VA

**AGENCY APPROVALS**

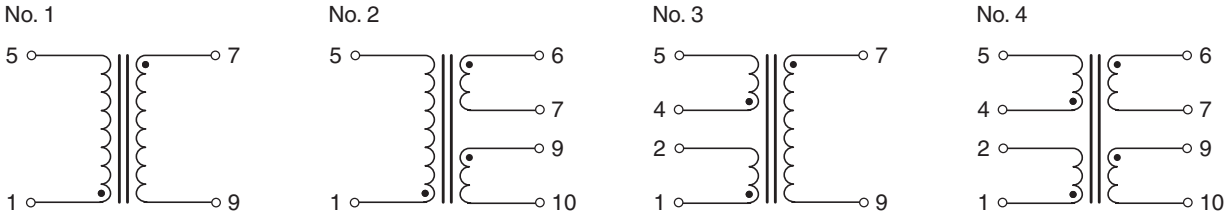
1. UL 506, File E113449
2. UL 1585, File E175197 Class 2/3
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Short-circuit-proof (where noted: 1/2/3* under Agency Approvals)
- Weight: 0.06kg
- Packaging unit: 25 pieces (tube)

## Mechanical




## Schematics




| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 83 | 10.40 | 1 | **030-7196.0** | 1/2/3* |
| 230 | 9 / 55 | 15.60 | 1 | **030-7197.0** | 1/2/3* |
| 230 | 12 / 42 | 20.80 | 1 | **030-7198.0** | 1/2/3* |
| 230 | 15 / 33 | 25.40 | 1 | **030-7199.0** | 1/2/3* |
| 230 | 18 / 28 | 29.50 | 1 | **030-7200.0** | 1/2/3* |
| 230 | 24 / 20 | 38.10 | 1 | **030-7201.0** | 1/2/3* |
| 230 | 2x6 / 42 | 2x10.60 | 2 | **030-7202.0** | 1/2/3* |
| 230 | 2x9 / 28 | 2x15.50 | 2 | **030-7203.0** | 1/2/3* |
| 230 | 2x12 / 20 | 2x19.70 | 2 | **030-7204.0** | 1/2/3* |
| 230 | 2x15 / 16 | 2x24.80 | 2 | **030-7205.0** | 1/2/3* |
| 230 | 2x18 / 13 | 2x29.80 | 2 | **030-7206.0** | 1 |
| 230 | 2x24 / 10 | 2x39.10 | 2 | **030-7207.0** | 1 |
| 115 | 6 / 83 | 10.40 | 1 | **030-7184.0** | 1/2/3* |
| 115 | 9 / 55 | 15.60 | 1 | **030-7185.0** | 1/2/3* |
| 115 | 12 / 42 | 20.80 | 1 | **030-7186.0** | 1/2/3* |
| 115 | 15 / 33 | 25.40 | 1 | **030-7187.0** | 1/2/3* |
| 115 | 18 / 28 | 29.50 | 1 | **030-7188.0** | 1/2/3* |
| 115 | 24 / 20 | 38.10 | 1 | **030-7189.0** | 1/2/3* |
| 115 | 2x6 / 42 | 2x10.60 | 2 | **030-7190.0** | 1/2/3* |
| 115 | 2x9 / 28 | 2x15.50 | 2 | **030-7191.0** | 1/2/3* |
| 115 | 2x12 / 20 | 2x19.70 | 2 | **030-7192.0** | 1/2/3* |
| 115 | 2x15 / 16 | 2x24.80 | 2 | **030-7193.0** | 1/2/3* |
| 115 | 2x18 / 13 | 2x29.80 | 2 | **030-7194.0** | 1 |
| 115 | 2x24 / 10 | 2x39.10 | 2 | **030-7195.0** | 1 |
| 2x115 | 6 / 83 | 10.40 | 3 | **030-5325.0** | 1/2/3* |
| 2x115 | 9 / 55 | 15.60 | 3 | **030-5328.0** | 1/2/3* |
| 2x115 | 12 / 42 | 20.80 | 3 | **030-5331.0** | 1/2/3* |
| 2x115 | 15 / 33 | 25.40 | 3 | **030-5334.0** | 1/2/3* |
| 2x115 | 18 / 28 | 29.50 | 3 | **030-5337.0** | 1/2/3* |
| 2x115 | 24 / 20 | 38.10 | 3 | **030-5343.0** | 1/2/3* |
| 2x115 | 2x6 / 42 | 2x10.60 | 4 | **030-5348.0** | 1/2/3* |
| 2x115 | 2x9 / 28 | 2x15.50 | 4 | **030-5351.0** | 1/2/3* |
| 2x115 | 2x12 / 20 | 2x19.70 | 4 | **030-5354.0** | 1/2/3* |
| 2x115 | 2x15 /16 | 2x24.80 | 4 | **030-5357.0** | 1/2/3* |
| 2x115 | 2x18 / 13 | 2x29.80 | 4 | **030-5360.0** | 1 |
| 2x115 | 2x24 / 10 | 2x39.10 | 4 | **030-5366.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**P**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

# LAMINATED TRANSFORMERS
## Type EI30 / 10.5 - 1.0VA

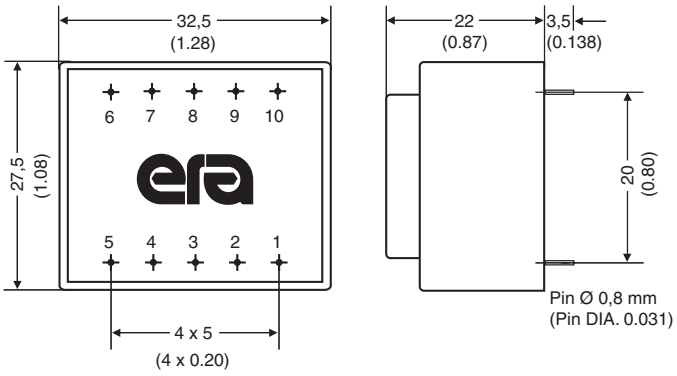
**AGENCY APPROVALS**
1. UL 506, File E113449
2. UL 1585, File E175197 Class 2/3
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Short-circuit-proof (where noted: 1/2/3* under Agency Approvals)
- Weight: 0.07kg
- Packaging unit: 35 pieces (tray)
  25 pieces (tube)

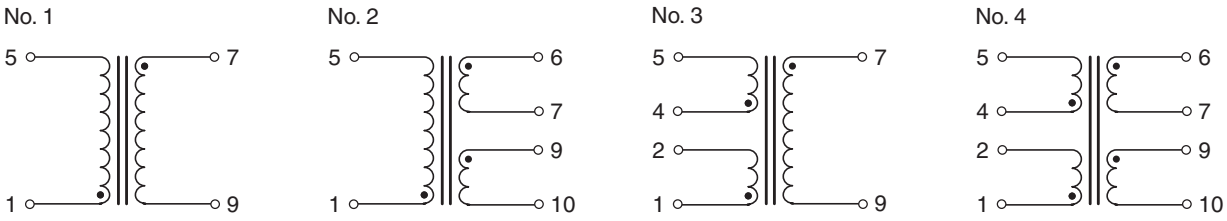
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 166 | 8.50 | 1 | **030-7232.0** | 1/2/3* |
| 230 | 9 / 111 | 12.45 | 1 | **030-7233.0** | 1/2/3* |
| 230 | 12 / 84 | 16.30 | 1 | **030-7234.0** | 1/2/3* |
| 230 | 15 / 66 | 20.20 | 1 | **030-7235.0** | 1/2/3* |
| 230 | 18 / 55 | 24.20 | 1 | **030-7236.0** | 1/2/3* |
| 230 | 24 / 42 | 32.20 | 1 | **030-7237.0** | 1/2/3* |
| 230 | 2x6 / 84 | 2x8.30 | 2 | **030-7238.0** | 1/2/3* |
| 230 | 2x9 / 55 | 2x11.90 | 2 | **030-7239.0** | 1/2/3* |
| 230 | 2x12 / 42 | 2x16.20 | 2 | **030-7240.0** | 1/2/3* |
| 230 | 2x15 / 33 | 2x20.40 | 2 | **030-7241.0** | 1/2/3* |
| 230 | 2x18 / 28 | 2x24.20 | 2 | **030-7242.0** | 1 |
| 230 | 2x24 / 21 | 2x32.10 | 2 | **030-7243.0** | 1 |
| 115 | 6 / 166 | 8.50 | 1 | **030-7220.0** | 1/2/3* |
| 115 | 9 / 111 | 12.45 | 1 | **030-7221.0** | 1/2/3* |
| 115 | 12 / 84 | 16.30 | 1 | **030-7222.0** | 1/2/3* |
| 115 | 15 / 66 | 20.20 | 1 | **030-7223.0** | 1/2/3* |
| 115 | 18 / 55 | 24.20 | 1 | **030-7224.0** | 1/2/3* |
| 115 | 24 / 42 | 32.20 | 1 | **030-7225.0** | 1/2/3* |
| 115 | 2x6 / 84 | 2x8.30 | 2 | **030-7226.0** | 1/2/3* |
| 115 | 2x9 / 55 | 2x11.90 | 2 | **030-7227.0** | 1/2/3* |
| 115 | 2x12 / 42 | 2x16.20 | 2 | **030-7228.0** | 1/2/3* |
| 115 | 2x15 / 33 | 2x20.40 | 2 | **030-7229.0** | 1/2/3* |
| 115 | 2x18 / 28 | 2x24.20 | 2 | **030-7230.0** | 1 |
| 115 | 2x24 / 21 | 2x32.10 | 2 | **030-7231.0** | 1 |
| 2x115 | 6 / 166 | 8.50 | 3 | **030-5693.0** | 1/2/3* |
| 2x115 | 9 / 111 | 12.45 | 3 | **030-5696.0** | 1/2/3* |
| 2x115 | 12 / 84 | 16.30 | 3 | **030-5699.0** | 1/2/3* |
| 2x115 | 15 / 66 | 20.20 | 3 | **030-5702.0** | 1/2/3* |
| 2x115 | 18 / 55 | 24.20 | 3 | **030-5705.0** | 1/2/3* |
| 2x115 | 24 / 42 | 32.20 | 3 | **030-5711.0** | 1/2/3* |
| 2x115 | 2x6 / 84 | 2x8.30 | 4 | **030-5716.0** | 1/2/3* |
| 2x115 | 2x9 / 55 | 2x11.90 | 4 | **030-5719.0** | 1/2/3* |
| 2x115 | 2x12 / 42 | 2x16.20 | 4 | **030-5722.0** | 1/2/3* |
| 2x115 | 2x15 / 33 | 2x20.40 | 4 | **030-5725.0** | 1/2/3* |
| 2x115 | 2x18 / 28 | 2x24.20 | 4 | **030-5728.0** | 1 |
| 2x115 | 2x24 / 21 | 2x32.10 | 4 | **030-5734.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**R**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS

## Type EI30 / 12.5 - 1.2VA

**AGENCY APPROVALS**

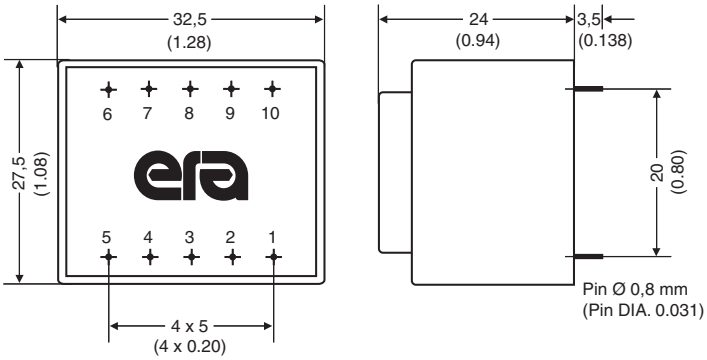
1. UL 506, File E113449
2. UL 1585, File E175197 Class 2/3
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Short-circuit-proof (where noted: 1/2/3* under Agency Approvals)
- Weight: 0.08kg
- Packaging unit: 25 pieces (tube)

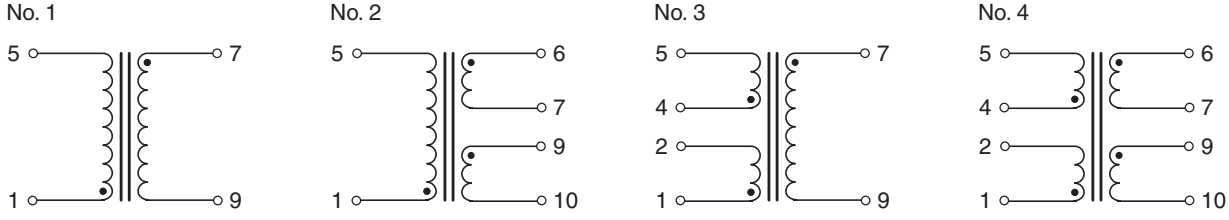
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 200 | 8.70 | 1 | **030-7268.0** | 1/2/3* |
| 230 | 9 / 133 | 12.30 | 1 | **030-7269.0** | 1/2/3* |
| 230 | 12 / 100 | 16.60 | 1 | **030-7270.0** | 1/2/3* |
| 230 | 15 / 80 | 21.20 | 1 | **030-7271.0** | 1/2/3* |
| 230 | 18 / 66 | 27.80 | 1 | **030-7272.0** | 1/2/3* |
| 230 | 24 / 50 | 34.50 | 1 | **030-7273.0** | 1/2/3* |
| 230 | 2x6 / 100 | 2x8.70 | 2 | **030-7274.0** | 1/2/3* |
| 230 | 2x9 / 66 | 2x12.30 | 2 | **030-7275.0** | 1/2/3* |
| 230 | 2x12 / 50 | 2x16.60 | 2 | **030-7276.0** | 1/2/3* |
| 230 | 2x15 / 40 | 2x20.60 | 2 | **030-7277.0** | 1/2/3* |
| 230 | 2x18 / 33 | 2x25.80 | 2 | **030-7278.0** | 1 |
| 230 | 2x24 / 25 | 2x32.90 | 2 | **030-7279.0** | 1 |
| 115 | 6 / 200 | 8.70 | 1 | **030-7256.0** | 1/2/3* |
| 115 | 9 / 133 | 12.30 | 1 | **030-7257.0** | 1/2/3* |
| 115 | 12 / 100 | 16.60 | 1 | **030-7258.0** | 1/2/3* |
| 115 | 15 / 80 | 21.20 | 1 | **030-7259.0** | 1/2/3* |
| 115 | 18 / 66 | 27.80 | 1 | **030-7260.0** | 1/2/3* |
| 115 | 24 / 50 | 34.50 | 1 | **030-7261.0** | 1/2/3* |
| 115 | 2x6 / 100 | 2x8.70 | 2 | **030-7262.0** | 1/2/3* |
| 115 | 2x9 / 66 | 2x12.30 | 2 | **030-7263.0** | 1/2/3* |
| 115 | 2x12 / 50 | 2x16.60 | 2 | **030-7264.0** | 1/2/3* |
| 115 | 2x15 / 40 | 2x20.60 | 2 | **030-7265.0** | 1/2/3* |
| 115 | 2x18 / 33 | 2x25.80 | 2 | **030-7266.0** | 1 |
| 115 | 2x24 / 25 | 2x32.90 | 2 | **030-7267.0** | 1 |
| 2x115 | 6 / 200 | 8.95 | 3 | **030-6061.0** | 1/2/3* |
| 2x115 | 9 / 133 | 12.90 | 3 | **030-6064.0** | 1/2/3* |
| 2x115 | 12 / 100 | 16.70 | 3 | **030-6067.0** | 1/2/3* |
| 2x115 | 15 / 80 | 24.70 | 3 | **030-6070.0** | 1/2/3* |
| 2x115 | 18 / 66 | 29.50 | 3 | **030-6073.0** | 1/2/3* |
| 2x115 | 24 / 50 | 35.80 | 3 | **030-6079.0** | 1/2/3* |
| 2x115 | 2x6 / 100 | 2x9.15 | 4 | **030-6084.0** | 1/2/3* |
| 2x115 | 2x9 / 66 | 2x13.70 | 4 | **030-6087.0** | 1/2/3* |
| 2x115 | 2x12 / 50 | 2x17.30 | 4 | **030-6090.0** | 1/2/3* |
| 2x115 | 2x15 / 40 | 2x24.70 | 4 | **030-6093.0** | 1/2/3* |
| 2x115 | 2x18 / 33 | 2x29.40 | 4 | **030-6096.0** | 1 |
| 2x115 | 2x24 / 25 | 2x35.80 | 4 | **030-6102.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**V**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are <u>not</u> part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS
## Type EI30 / 12.5 - 1.5VA

**AGENCY APPROVALS**

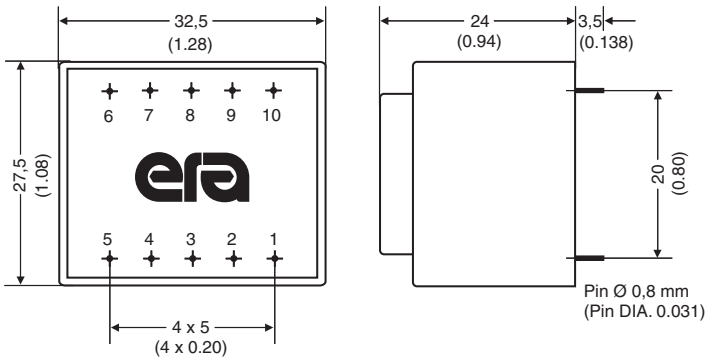
1. UL 506, File E113449
2. UL 1585, File E175197 Class 2/3
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Short-circuit-proof (where noted: 1/2/3* under Agency Approvals)
- Weight: 0.08kg
- Packaging unit: 25 pieces (tube)

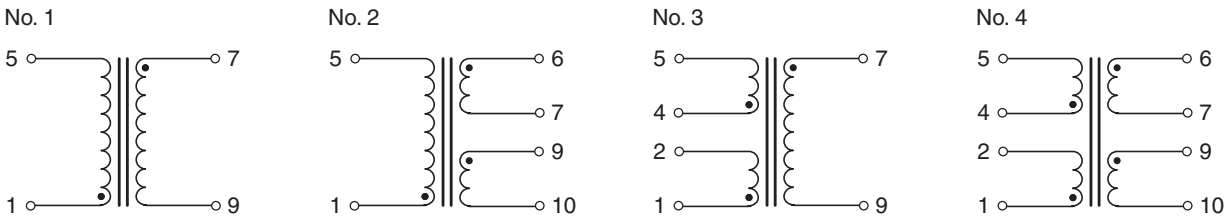
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 250 | 8.95 | 1 | **030-7161.0** | 1/2/3* |
| 230 | 9 / 166 | 12.90 | 1 | **030-7162.0** | 1/2/3* |
| 230 | 12 / 125 | 16.70 | 1 | **030-7139.0** | 1/2/3* |
| 230 | 15 / 100 | 24.70 | 1 | **030-7163.0** | 1/2/3* |
| 230 | 18 / 83 | 29.50 | 1 | **030-7164.0** | 1/2/3* |
| 230 | 24 / 62 | 35.80 | 1 | **030-7165.0** | 1/2/3* |
| 230 | 2x6 / 125 | 2x9.15 | 2 | **030-7166.0** | 1/2/3* |
| 230 | 2x9 / 83 | 2x13.70 | 2 | **030-7167.0** | 1/2/3* |
| 230 | 2x12 / 62 | 2x17.30 | 2 | **030-7168.0** | 1/2/3* |
| 230 | 2x15 / 50 | 2x24.70 | 2 | **030-7169.0** | 1/2/3* |
| 230 | 2x18 / 41 | 2x29.40 | 2 | **030-7170.0** | 1 |
| 230 | 2x24 / 31 | 2x35.80 | 2 | **030-7171.0** | 1 |
| 115 | 6 / 250 | 8.95 | 1 | **030-7150.0** | 1/2/3* |
| 115 | 9 / 166 | 12.90 | 1 | **030-7151.0** | 1/2/3* |
| 115 | 12 / 125 | 16.70 | 1 | **030-7136.0** | 1/2/3* |
| 115 | 15 / 100 | 24.70 | 1 | **030-7152.0** | 1/2/3* |
| 115 | 18 / 83 | 29.50 | 1 | **030-7153.0** | 1/2/3* |
| 115 | 24 / 62 | 35.80 | 1 | **030-7154.0** | 1/2/3* |
| 115 | 2x6 / 125 | 2x9.15 | 2 | **030-7155.0** | 1/2/3* |
| 115 | 2x9 / 83 | 2x13.70 | 2 | **030-7156.0** | 1/2/3* |
| 115 | 2x12 / 62 | 2x17.30 | 2 | **030-7157.0** | 1/2/3* |
| 115 | 2x15 / 50 | 2x24.70 | 2 | **030-7158.0** | 1/2/3* |
| 115 | 2x18 / 41 | 2x29.40 | 2 | **030-7159.0** | 1 |
| 115 | 2x24 / 31 | 2x35.80 | 2 | **030-7160.0** | 1 |
| 2x115 | 6 / 250 | 8.95 | 3 | **030-7711.0** | 1/2/3* |
| 2x115 | 9 / 166 | 12.90 | 3 | **030-7712.0** | 1/2/3* |
| 2x115 | 12 / 125 | 16.70 | 3 | **030-7713.0** | 1/2/3* |
| 2x115 | 15 / 100 | 24.70 | 3 | **030-7714.0** | 1/2/3* |
| 2x115 | 18 / 83 | 29.50 | 3 | **030-7715.0** | 1/2/3* |
| 2x115 | 24 / 62 | 35.80 | 3 | **030-7716.0** | 1/2/3* |
| 2x115 | 2x6 / 125 | 2x9.15 | 4 | **030-7717.0** | 1/2/3* |
| 2x115 | 2x9 / 83 | 2x13.70 | 4 | **030-7718.0** | 1/2/3* |
| 2x115 | 2x12 / 62 | 2x17.30 | 4 | **030-7719.0** | 1/2/3* |
| 2x115 | 2x15 / 50 | 2x24.70 | 4 | **030-7720.0** | 1/2/3* |
| 2x115 | 2x18 / 41 | 2x29.40 | 4 | **030-7721.0** | 1 |
| 2x115 | 2x24 / 31 | 2x35.80 | 4 | **030-7722.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**N**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are <u>not</u> part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS
## Type EI30 / 15.5 - 2.0VA

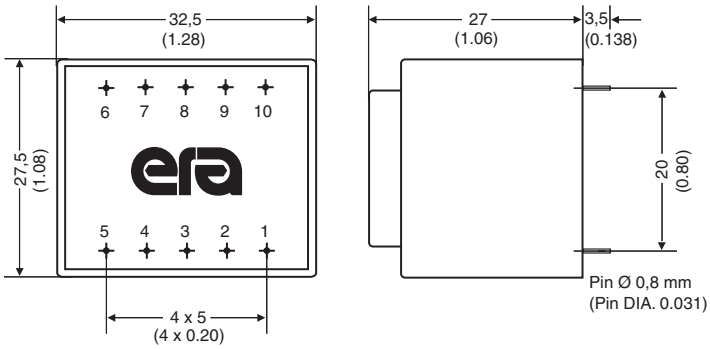
**AGENCY APPROVALS**
1. UL 506, File E113449
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- VDE rated as inherently short-circuit proof
- Weight: 0.10kg
- Packaging unit: 25 pieces (tube)

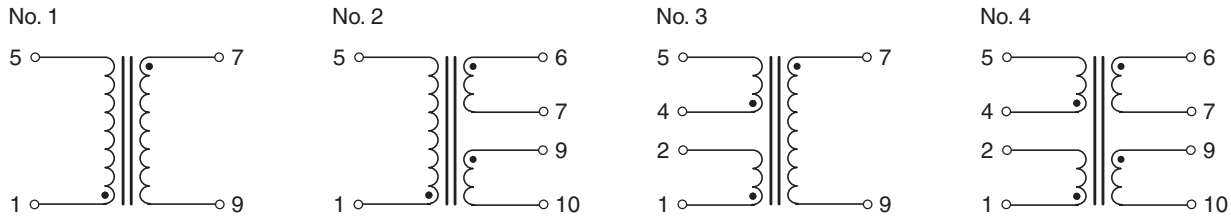
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 333 | 10.50 | 1 | **030-7304.0** | 1/3* |
| 230 | 9 / 222 | 14.60 | 1 | **030-7305.0** | 1/3* |
| 230 | 12 / 166 | 20.00 | 1 | **030-7306.0** | 1/3* |
| 230 | 15 / 133 | 26.00 | 1 | **030-7307.0** | 1/3* |
| 230 | 18 / 111 | 29.60 | 1 | **030-7308.0** | 1/3* |
| 230 | 24 / 83 | 37.20 | 1 | **030-7309.0** | 1/3* |
| 230 | 2x6 / 166 | 2x8.70 | 2 | **030-7310.0** | 1/3* |
| 230 | 2x9 / 111 | 2x14.60 | 2 | **030-7311.0** | 1/3* |
| 230 | 2x12 / 83 | 2x19.45 | 2 | **030-7312.0** | 1/3* |
| 230 | 2x15 / 66 | 2x24.10 | 2 | **030-7313.0** | 1/3* |
| 230 | 2x18 / 55 | 2x29.10 | 2 | **030-7314.0** | 1 |
| 230 | 2x24 / 42 | 2x36.50 | 2 | **030-7315.0** | 1 |
| 115 | 6 / 333 | 10.50 | 1 | **030-7292.0** | 1/3* |
| 115 | 9 / 222 | 14.60 | 1 | **030-7293.0** | 1/3* |
| 115 | 12 / 166 | 20.00 | 1 | **030-7294.0** | 1/3* |
| 115 | 15 / 133 | 26.00 | 1 | **030-7295.0** | 1/3* |
| 115 | 18 / 111 | 29.60 | 1 | **030-7296.0** | 1/3* |
| 115 | 24 / 83 | 37.20 | 1 | **030-7297.0** | 1/3* |
| 115 | 2x6 / 166 | 2x8.70 | 2 | **030-7298.0** | 1/3* |
| 115 | 2x9 / 111 | 2x14.60 | 2 | **030-7299.0** | 1/3* |
| 115 | 2x12 / 83 | 2x19.45 | 2 | **030-7300.0** | 1/3* |
| 115 | 2x15 / 66 | 2x24.10 | 2 | **030-7301.0** | 1/3* |
| 115 | 2x18 / 55 | 2x29.10 | 2 | **030-7302.0** | 1 |
| 115 | 2x24 / 42 | 2x36.50 | 2 | **030-7303.0** | 1 |
| 2x115 | 6 / 333 | 10.50 | 3 | **030-6429.0** | 1/3* |
| 2x115 | 9 / 222 | 14.60 | 3 | **030-6432.0** | 1/3* |
| 2x115 | 12 / 166 | 20.00 | 3 | **030-6435.0** | 1/3* |
| 2x115 | 15 / 133 | 26.00 | 3 | **030-6438.0** | 1/3* |
| 2x115 | 18 / 111 | 29.60 | 3 | **030-6441.0** | 1/3* |
| 2x115 | 24 / 83 | 37.20 | 3 | **030-6447.0** | 1/3* |
| 2x115 | 2x6 / 166 | 2x8.70 | 4 | **030-6452.0** | 1/3* |
| 2x115 | 2x9 / 111 | 2x14.60 | 4 | **030-6455.0** | 1/3* |
| 2x115 | 2x12 / 83 | 2x19.45 | 4 | **030-6458.0** | 1/3* |
| 2x115 | 2x15 / 66 | 2x24.10 | 4 | **030-6461.0** | 1/3* |
| 2x115 | 2x18 / 55 | 2x29.10 | 4 | **030-6464.0** | 1 |
| 2x115 | 2x24 / 42 | 2x36.50 | 4 | **030-6470.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**S**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS
## Type EI30 / 18.0 - 2.3VA

**AGENCY APPROVALS**

**1.** UL 506, File E113449

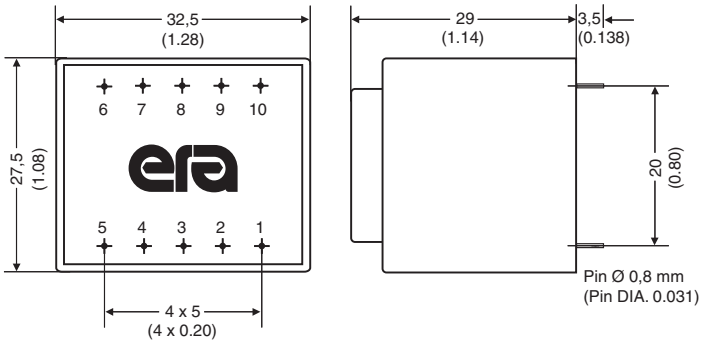
**3.** EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- VDE rated as inherently short-circuit proof
- Weight: 0.112kg
- Packaging unit: 25 pieces (tube)

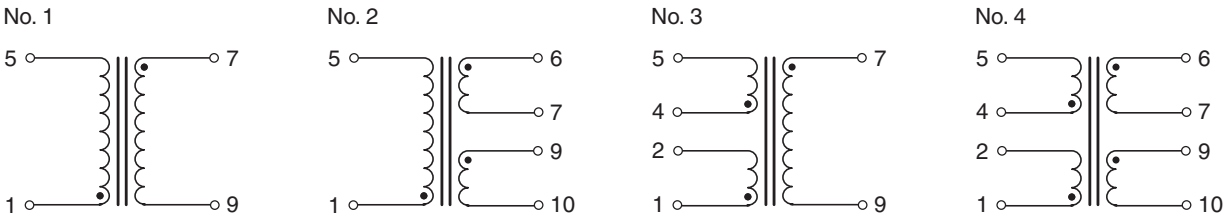
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 384 | 10.00 | 1 | **030-7340.0** | 1/3* |
| 230 | 9 / 256 | 13.80 | 1 | **030-7341.0** | 1/3* |
| 230 | 12 / 192 | 18.60 | 1 | **030-7342.0** | 1/3* |
| 230 | 15 / 154 | 23.80 | 1 | **030-7343.0** | 1/3* |
| 230 | 18 / 128 | 27.80 | 1 | **030-7344.0** | 1/3* |
| 230 | 24 / 96 | 34.70 | 1 | **030-7345.0** | 1/3* |
| 230 | 2x6 / 192 | 2x9.90 | 2 | **030-7346.0** | 1/3* |
| 230 | 2x9 / 128 | 2x14.00 | 2 | **030-7347.0** | 1/3* |
| 230 | 2x12 / 96 | 2x17.50 | 2 | **030-7348.0** | 1/3* |
| 230 | 2x15 / 77 | 2x24.40 | 2 | **030-7349.0** | 1/3* |
| 230 | 2x18 / 64 | 2x29.30 | 2 | **030-7350.0** | 1 |
| 230 | 2x24 / 48 | 2x35.80 | 2 | **030-7351.0** | 1 |
| 115 | 6 / 384 | 10.00 | 1 | **030-7328.0** | 1/3* |
| 115 | 9 / 256 | 13.80 | 1 | **030-7329.0** | 1/3* |
| 115 | 12 / 192 | 18.60 | 1 | **030-7330.0** | 1/3* |
| 115 | 15 / 154 | 23.80 | 1 | **030-7331.0** | 1/3* |
| 115 | 18 / 128 | 27.80 | 1 | **030-7332.0** | 1/3* |
| 115 | 24 / 96 | 34.70 | 1 | **030-7333.0** | 1/3* |
| 115 | 2x6 / 192 | 2x9.90 | 2 | **030-7334.0** | 1/3* |
| 115 | 2x9 / 128 | 2x14.00 | 2 | **030-7335.0** | 1/3* |
| 115 | 2x12 / 96 | 2x17.50 | 2 | **030-7336.0** | 1/3* |
| 115 | 2x15 / 77 | 2x24.40 | 2 | **030-7337.0** | 1/3* |
| 115 | 2x18 / 64 | 2x29.30 | 2 | **030-7338.0** | 1 |
| 115 | 2x24 / 48 | 2x35.80 | 2 | **030-7339.0** | 1 |
| 2x115 | 6 / 384 | 10.00 | 3 | **030-6797.0** | 1/3* |
| 2x115 | 9 / 256 | 13.80 | 3 | **030-6800.0** | 1/3* |
| 2x115 | 12 / 192 | 18.60 | 3 | **030-6803.0** | 1/3* |
| 2x115 | 15 / 154 | 23.80 | 3 | **030-6806.0** | 1/3* |
| 2x115 | 18 / 128 | 27.80 | 3 | **030-6809.0** | 1/3* |
| 2x115 | 24 / 96 | 34.70 | 3 | **030-6815.0** | 1/3* |
| 2x115 | 2x6 / 192 | 2x9.90 | 4 | **030-6820.0** | 1/3* |
| 2x115 | 2x9 / 128 | 2x14.00 | 4 | **030-6823.0** | 1/3* |
| 2x115 | 2x12 / 96 | 2x17.50 | 4 | **030-6826.0** | 1/3* |
| 2x115 | 2x15 / 77 | 2x24.40 | 4 | **030-6829.0** | 1/3* |
| 2x115 | 2x18 / 64 | 2x29.30 | 4 | **030-6832.0** | 1 |
| 2x115 | 2x24 / 48 | 2x35.80 | 4 | **030-6838.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**T**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are <u>not</u> part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS
## Type EI30 / 23.0 - 2.8VA

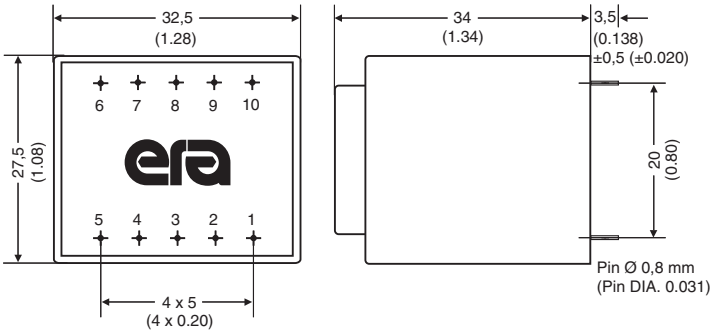
**AGENCY APPROVALS**
1. UL 506, File E113449
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- VDE rated as inherently short-circuit proof
- Weight: 0.134kg
- Packaging unit: 25 pieces (tube)

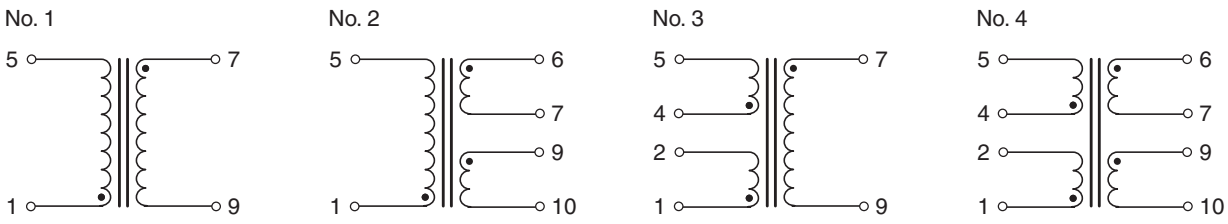
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 466 | 10.70 | 1 | **030-7584.0** | 1/3* |
| 230 | 9 / 311 | 14.80 | 1 | **030-7585.0** | 1/3* |
| 230 | 12 / 233 | 20.80 | 1 | **030-7586.0** | 1/3* |
| 230 | 15 / 186 | 24.00 | 1 | **030-7587.0** | 1/3* |
| 230 | 18 / 155 | 29.90 | 1 | **030-7588.0** | 1/3* |
| 230 | 24 / 116 | 38.80 | 1 | **030-7589.0** | 1/3* |
| 230 | 2x6 / 233 | 2x10.70 | 2 | **030-7590.0** | 1/3* |
| 230 | 2x9 / 155 | 2x16.00 | 2 | **030-7591.0** | 1/3* |
| 230 | 2x12 / 116 | 2x20.40 | 2 | **030-7592.0** | 1/3* |
| 230 | 2x15 / 93 | 2x25.00 | 2 | **030-7593.0** | 1/3* |
| 230 | 2x18 / 77 | 2x30.50 | 2 | **030-7594.0** | 1 |
| 230 | 2x24 / 58 | 2x38.70 | 2 | **030-7595.0** | 1 |
| 115 | 6 / 466 | 10.70 | 1 | **030-7596.0** | 1/3* |
| 115 | 9 / 311 | 14.80 | 1 | **030-7597.0** | 1/3* |
| 115 | 12 / 233 | 20.80 | 1 | **030-7598.0** | 1/3* |
| 115 | 15 / 186 | 24.00 | 1 | **030-7599.0** | 1/3* |
| 115 | 18 / 155 | 29.90 | 1 | **030-7600.0** | 1/3* |
| 115 | 24 / 116 | 38.80 | 1 | **030-7601.0** | 1/3* |
| 115 | 2x6 / 233 | 2x10.70 | 2 | **030-7602.0** | 1/3* |
| 115 | 2x9 / 155 | 2x16.00 | 2 | **030-7603.0** | 1/3* |
| 115 | 2x12 / 116 | 2x20.40 | 2 | **030-7604.0** | 1/3* |
| 115 | 2x15 / 93 | 2x25.00 | 2 | **030-7605.0** | 1/3* |
| 115 | 2x18 / 77 | 2x30.50 | 2 | **030-7606.0** | 1 |
| 115 | 2x24 / 58 | 2x38.70 | 2 | **030-7607.0** | 1 |
| 2x115 | 6 / 466 | 10.70 | 3 | **030-7723.0** | 1/3* |
| 2x115 | 9 / 311 | 14.80 | 3 | **030-7724.0** | 1/3* |
| 2x115 | 12 / 233 | 20.80 | 3 | **030-7725.0** | 1/3* |
| 2x115 | 15 / 186 | 24.00 | 3 | **030-7726.0** | 1/3* |
| 2x115 | 18 / 155 | 29.90 | 3 | **030-7727.0** | 1/3* |
| 2x115 | 24 / 116 | 38.80 | 3 | **030-7728.0** | 1/3* |
| 2x115 | 2x6 / 233 | 2x10.70 | 4 | **030-7729.0** | 1/3* |
| 2x115 | 2x9 / 155 | 2x16.00 | 4 | **030-7730.0** | 1/3* |
| 2x115 | 2x12 / 116 | 2x20.40 | 4 | **030-7731.0** | 1/3* |
| 2x115 | 2x15 / 93 | 2x25.00 | 4 | **030-7732.0** | 1/3* |
| 2x115 | 2x18 / 77 | 2x30.50 | 4 | **030-7733.0** | 1 |
| 2x115 | 2x24 / 58 | 2x38.70 | 4 | **030-7734.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**U**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are <u>not</u> part of the orderable Part Number.**

## Mechanical




## Schematics



# LAMINATED TRANSFORMERS
## Type EI38 / 13.6 - 3.2VA

**AGENCY APPROVALS**

**1.** UL 506, File E113449

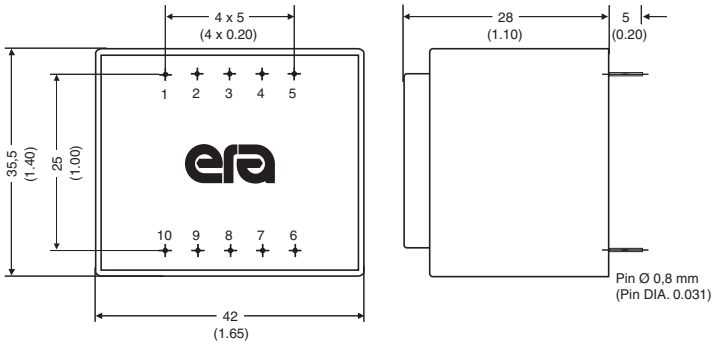
**3.** EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Weight: 0.155kg
- Packaging unit: 25 pieces (tray)

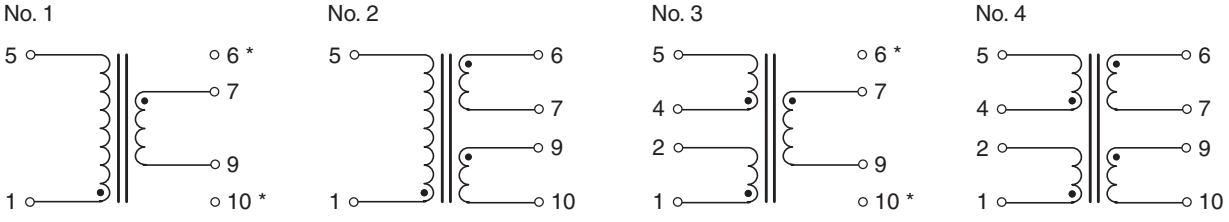
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 534 | 9.20 | 1 | **038-5187.0** | 1/3* |
| 230 | 9 / 356 | 13.95 | 1 | **038-5190.0** | 1/3* |
| 230 | 12 / 267 | 17.80 | 1 | **038-5193.0** | 1/3* |
| 230 | 15 / 214 | 22.20 | 1 | **038-5196.0** | 1/3* |
| 230 | 18 / 178 | 27.00 | 1 | **038-5199.0** | 1/3* |
| 230 | 24 / 134 | 35.00 | 1 | **038-5205.0** | 1/3* |
| 230 | 2x6 / 267 | 2x8.90 | 2 | **038-5210.0** | 1/3* |
| 230 | 2x9 / 178 | 2x13.40 | 2 | **038-5213.0** | 1/3* |
| 230 | 2x12 / 134 | 2x17.50 | 2 | **038-5216.0** | 1/3* |
| 230 | 2x15 / 107 | 2x22.30 | 2 | **038-5219.0** | 1/3* |
| 230 | 2x18 / 89 | 2x25.80 | 2 | **038-5222.0** | 1 |
| 230 | 2x24 / 67 | 2x35.90 | 2 | **038-5228.0** | 1 |
| 115 | 6 / 534 | 9.20 | 1 | **038-5049.0** | 1/3* |
| 115 | 9 / 356 | 13.95 | 1 | **038-5052.0** | 1/3* |
| 115 | 12 / 267 | 17.80 | 1 | **038-5055.0** | 1/3* |
| 115 | 15 / 214 | 22.20 | 1 | **038-5058.0** | 1/3* |
| 115 | 18 / 178 | 27.00 | 1 | **038-5061.0** | 1/3* |
| 115 | 24 / 134 | 35.00 | 1 | **038-5067.0** | 1/3* |
| 115 | 2x6 / 267 | 2x8.90 | 2 | **038-5072.0** | 1/3* |
| 115 | 2x9 / 178 | 2x13.40 | 2 | **038-5075.0** | 1/3* |
| 115 | 2x12 / 134 | 2x17.50 | 2 | **038-5078.0** | 1/3* |
| 115 | 2x15 / 107 | 2x22.30 | 2 | **038-5081.0** | 1/3* |
| 115 | 2x18 / 89 | 2x25.80 | 2 | **038-5084.0** | 1 |
| 115 | 2x24 / 67 | 2x35.90 | 2 | **038-5090.0** | 1 |
| 2x115 | 6 / 534 | 9.20 | 3 | **038-5325.0** | 1/3* |
| 2x115 | 9 / 356 | 13.95 | 3 | **038-5328.0** | 1/3* |
| 2x115 | 12 / 267 | 17.80 | 3 | **038-5331.0** | 1/3* |
| 2x115 | 15 / 214 | 22.20 | 3 | **038-5334.0** | 1/3* |
| 2x115 | 18 / 178 | 27.00 | 3 | **038-5337.0** | 1/3* |
| 2x115 | 24 / 134 | 35.00 | 3 | **038-5343.0** | 1/3* |
| 2x115 | 2x6 / 267 | 2x8.90 | 4 | **038-5348.0** | 1/3* |
| 2x115 | 2x9 / 178 | 2x13.40 | 4 | **038-5351.0** | 1/3* |
| 2x115 | 2x12 / 134 | 2x17.50 | 4 | **038-5354.0** | 1/3* |
| 2x115 | 2x15 / 107 | 2x22.30 | 4 | **038-5357.0** | 1/3* |
| 2x115 | 2x18 / 89 | 2x25.80 | 4 | **038-5360.0** | 1 |
| 2x115 | 2x24 / 67 | 2x35.90 | 4 | **038-5366.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**F**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are <u>not</u> part of the orderable Part Number.**

## Mechanical




## Schematics




* Empty-Pin

# LAMINATED TRANSFORMERS
## Type EI38 / 13.6 - 4.0VA

**AGENCY APPROVALS**

**1.** UL 506, File E113449

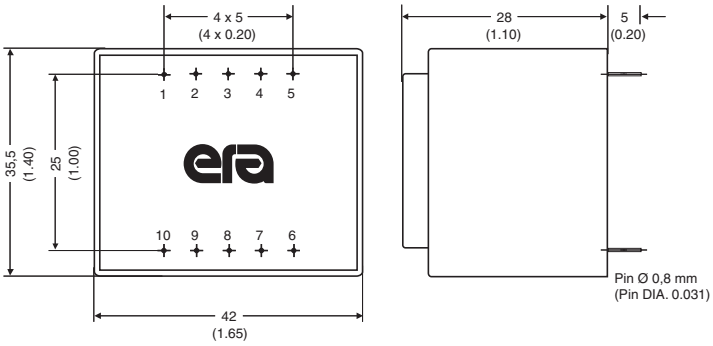
**3.** EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Weight: 0.155kg
- Packaging unit: 25 pieces (tray)

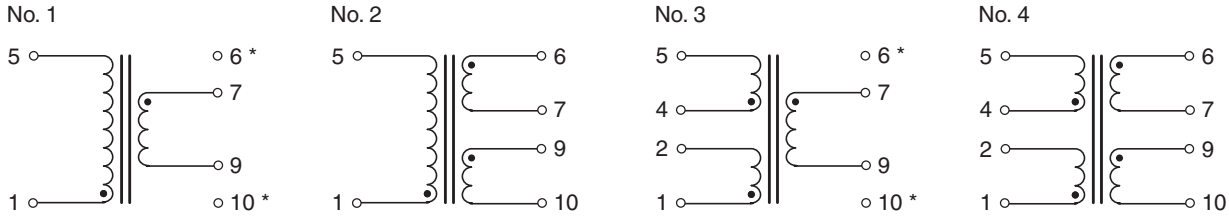
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 667 | 8.50 | 1 | **038-5412.0** | 1/3* |
| 230 | 9 / 444 | 12.60 | 1 | **038-5413.0** | 1/3* |
| 230 | 12 / 333 | 16.40 | 1 | **038-5414.0** | 1/3* |
| 230 | 15 / 267 | 20.90 | 1 | **038-5415.0** | 1/3* |
| 230 | 18 / 222 | 24.30 | 1 | **038-5416.0** | 1/3* |
| 230 | 24 / 167 | 32.80 | 1 | **038-5417.0** | 1/3* |
| 230 | 2x6 / 333 | 2x8.50 | 2 | **038-5418.0** | 1/3* |
| 230 | 2x9 / 222 | 2x12.50 | 2 | **038-5419.0** | 1/3* |
| 230 | 2x12 / 167 | 2x16.40 | 2 | **038-5420.0** | 1/3* |
| 230 | 2x15 / 133 | 2x21.20 | 2 | **038-5421.0** | 1/3* |
| 230 | 2x18 / 111 | 2x24.50 | 2 | **038-5422.0** | 1/3* |
| 230 | 2x24 / 83 | 2x32.70 | 2 | **038-5423.0** | 1 |
| 115 | 6 / 667 | 8.50 | 1 | **038-5400.0** | 1/3* |
| 115 | 9 / 444 | 12.60 | 1 | **038-5401.0** | 1/3* |
| 115 | 12 / 333 | 16.40 | 1 | **038-5402.0** | 1/3* |
| 115 | 15 / 267 | 20.90 | 1 | **038-5403.0** | 1/3* |
| 115 | 18 / 222 | 24.30 | 1 | **038-5404.0** | 1/3* |
| 115 | 24 / 167 | 32.80 | 1 | **038-5405.0** | 1/3* |
| 115 | 2x6 / 333 | 2x8.50 | 2 | **038-5406.0** | 1/3* |
| 115 | 2x9 / 222 | 2x12.50 | 2 | **038-5407.0** | 1/3* |
| 115 | 2x12 / 167 | 2x16.40 | 2 | **038-5408.0** | 1/3* |
| 115 | 2x15 / 133 | 2x21.20 | 2 | **038-5409.0** | 1/3* |
| 115 | 2x18 / 111 | 2x24.50 | 2 | **038-5410.0** | 1/3* |
| 115 | 2x24 / 83 | 2x32.70 | 2 | **038-5411.0** | 1 |
| 2x115 | 6 / 667 | 8.50 | 3 | **038-5424.0** | 1/3* |
| 2x115 | 9 / 444 | 12.60 | 3 | **038-5425.0** | 1/3* |
| 2x115 | 12 / 333 | 16.40 | 3 | **038-5426.0** | 1/3* |
| 2x115 | 15 / 267 | 20.90 | 3 | **038-5427.0** | 1/3* |
| 2x115 | 18 / 222 | 24.30 | 3 | **038-5428.0** | 1/3* |
| 2x115 | 24 / 167 | 32.80 | 3 | **038-5429.0** | 1/3* |
| 2x115 | 2x6 / 333 | 2x8.50 | 4 | **038-5430.0** | 1/3* |
| 2x115 | 2x9 / 222 | 2x12.50 | 4 | **038-5431.0** | 1/3* |
| 2x115 | 2x12 / 167 | 2x16.40 | 4 | **038-5432.0** | 1/3* |
| 2x115 | 2x15 / 133 | 2x21.20 | 4 | **038-5433.0** | 1/3* |
| 2x115 | 2x18 / 111 | 2x24.50 | 4 | **038-5434.0** | 1/3* |
| 2x115 | 2x24 / 83 | 2x32.70 | 4 | **038-5435.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**F**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics




* Empty-Pin

# LAMINATED TRANSFORMERS
## Type EI42 / 14.8 - 5.0VA

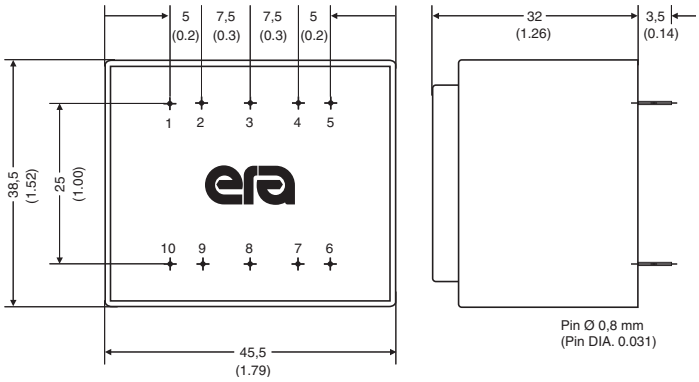
**AGENCY APPROVALS**
1. UL 506, File E113449
3. EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 70°C/B
- Weight: 0.2kg
- Packaging unit: 25 pieces (tray)

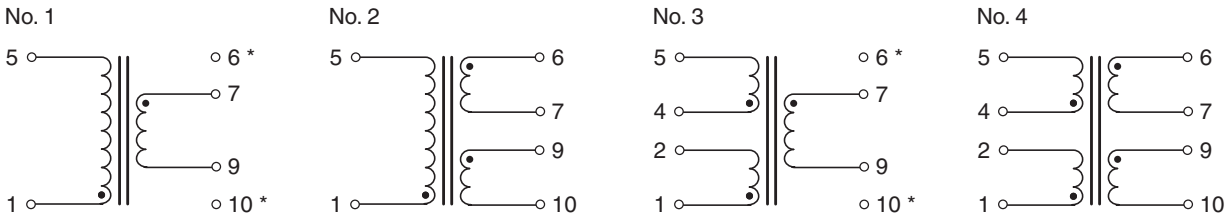
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 834 | 8.10 | 1 | **042-5187.0** | 1/3* |
| 230 | 9 / 556 | 12.00 | 1 | **042-5190.0** | 1/3* |
| 230 | 12 / 417 | 15.50 | 1 | **042-5193.0** | 1/3* |
| 230 | 15 / 334 | 19.20 | 1 | **042-5196.0** | 1/3* |
| 230 | 18 / 278 | 23.00 | 1 | **042-5199.0** | 1/3* |
| 230 | 24 / 208 | 30.50 | 1 | **042-5205.0** | 1/3* |
| 230 | 2x6 / 417 | 2x7.70 | 2 | **042-5210.0** | 1/3* |
| 230 | 2x9 / 278 | 2x11.60 | 2 | **042-5213.0** | 1/3* |
| 230 | 2x12 / 208 | 2x15.20 | 2 | **042-5216.0** | 1/3* |
| 230 | 2x15 / 167 | 2x19.40 | 2 | **042-5219.0** | 1/3* |
| 230 | 2x18 / 139 | 2x23.10 | 2 | **042-5222.0** | 1/3* |
| 230 | 2x24 / 104 | 2x30.80 | 2 | **042-5228.0** | 1 |
| 115 | 6 / 834 | 8.10 | 1 | **042-5049.0** | 1/3* |
| 115 | 9 / 556 | 12.00 | 1 | **042-5052.0** | 1/3* |
| 115 | 12 / 417 | 15.50 | 1 | **042-5055.0** | 1/3* |
| 115 | 15 / 334 | 19.20 | 1 | **042-5058.0** | 1/3* |
| 115 | 18 / 278 | 23.00 | 1 | **042-5061.0** | 1/3* |
| 115 | 24 / 208 | 30.50 | 1 | **042-5067.0** | 1/3* |
| 115 | 2x6 / 417 | 2x7.70 | 2 | **042-5072.0** | 1/3* |
| 115 | 2x9 / 278 | 2x11.60 | 2 | **042-5075.0** | 1/3* |
| 115 | 2x12 / 208 | 2x15.20 | 2 | **042-5078.0** | 1/3* |
| 115 | 2x15 / 167 | 2x19.40 | 2 | **042-5081.0** | 1/3* |
| 115 | 2x18 / 139 | 2x23.10 | 2 | **042-5084.0** | 1/3* |
| 115 | 2x24 / 104 | 2x30.80 | 2 | **042-5090.0** | 1 |
| 2x115 | 6 / 834 | 8.10 | 3 | **042-5325.0** | 1/3* |
| 2x115 | 9 / 556 | 12.00 | 3 | **042-5328.0** | 1/3* |
| 2x115 | 12 / 417 | 15.50 | 3 | **042-5331.0** | 1/3* |
| 2x115 | 15 / 334 | 19.20 | 3 | **042-5334.0** | 1/3* |
| 2x115 | 18 / 278 | 23.00 | 3 | **042-5337.0** | 1/3* |
| 2x115 | 24 / 208 | 30.50 | 3 | **042-5343.0** | 1/3* |
| 2x115 | 2x6 / 417 | 2x7.70 | 4 | **042-5348.0** | 1/3* |
| 2x115 | 2x9 / 278 | 2x11.60 | 4 | **042-5351.0** | 1/3* |
| 2x115 | 2x12 / 208 | 2x15.20 | 4 | **042-5354.0** | 1/3* |
| 2x115 | 2x15 / 167 | 2x19.40 | 4 | **042-5357.0** | 1/3* |
| 2x115 | 2x18 / 139 | 2x23.10 | 4 | **042-5360.0** | 1/3* |
| 2x115 | 2x24 / 104 | 2x30.80 | 4 | **042-5366.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**G**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics




* Empty-Pin

# LAMINATED TRANSFORMERS
## Type EI48 / 16.8 - 10VA

**AGENCY APPROVALS**

**1.** UL 506, File E113449

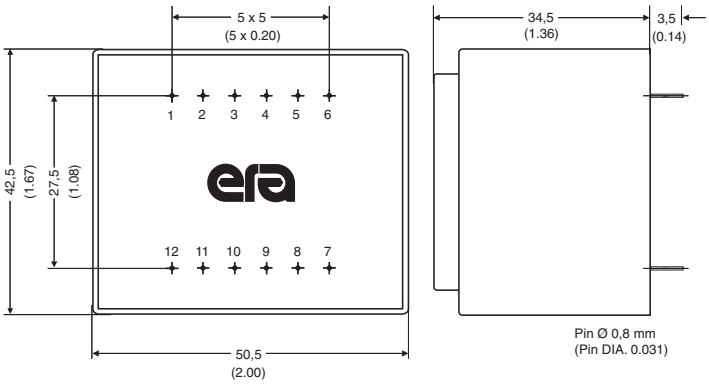
**3.** EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 40°C/B
- Weight: 0.295kg
- Packaging unit: 15 pieces (tray)

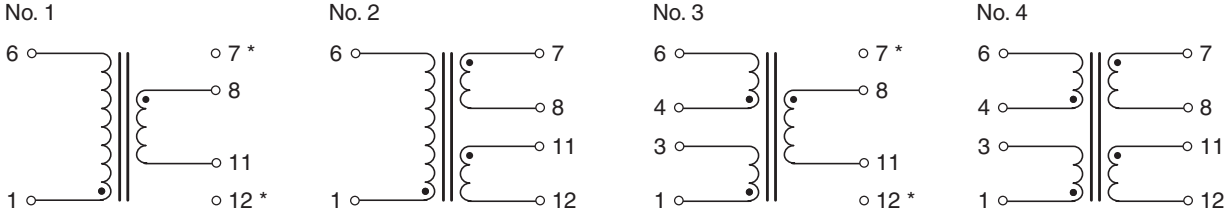
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 1666 | 7.90 | 1 | **048-5187.0** | 1/3* |
| 230 | 9 / 1111 | 12.00 | 1 | **048-5190.0** | 1/3* |
| 230 | 12 / 834 | 15.70 | 1 | **048-5193.0** | 1/3* |
| 230 | 15 / 666 | 19.20 | 1 | **048-5196.0** | 1/3* |
| 230 | 18 / 555 | 22.90 | 1 | **048-5199.0** | 1/3* |
| 230 | 24 / 416 | 30.60 | 1 | **048-5205.0** | 1/3* |
| 230 | 2x6 / 834 | 2x8.10 | 2 | **048-5210.0** | 1/3* |
| 230 | 2x9 / 555 | 2x11.60 | 2 | **048-5213.0** | 1/3* |
| 230 | 2x12 / 416 | 2x15.70 | 2 | **048-5216.0** | 1/3* |
| 230 | 2x15 / 333 | 2x19.50 | 2 | **048-5219.0** | 1/3* |
| 230 | 2x18 / 277 | 2x23.50 | 2 | **048-5222.0** | 1/3* |
| 230 | 2x24 / 208 | 2x30.00 | 2 | **048-5228.0** | 1 |
| 115 | 6 / 1666 | 7.90 | 1 | **048-5049.0** | 1/3* |
| 115 | 9 / 1111 | 12.00 | 1 | **048-5052.0** | 1/3* |
| 115 | 12 / 834 | 15.70 | 1 | **048-5055.0** | 1/3* |
| 115 | 15 / 666 | 19.20 | 1 | **048-5058.0** | 1/3* |
| 115 | 18 / 555 | 22.90 | 1 | **048-5061.0** | 1/3* |
| 115 | 24 / 416 | 30.60 | 1 | **048-5067.0** | 1/3* |
| 115 | 2x6 / 834 | 2x8.10 | 2 | **048-5072.0** | 1/3* |
| 115 | 2x9 / 555 | 2x11.60 | 2 | **048-5075.0** | 1/3* |
| 115 | 2x12 / 416 | 2x15.70 | 2 | **048-5078.0** | 1/3* |
| 115 | 2x15 / 333 | 2x19.50 | 2 | **048-5081.0** | 1/3* |
| 115 | 2x18 / 277 | 2x23.50 | 2 | **048-5084.0** | 1/3* |
| 115 | 2x24 / 208 | 2x30.00 | 2 | **048-5090.0** | 1 |
| 2x115 | 6 / 1666 | 7.90 | 3 | **048-5325.0** | 1/3* |
| 2x115 | 9 / 1111 | 12.00 | 3 | **048-5328.0** | 1/3* |
| 2x115 | 12 / 834 | 15.70 | 3 | **048-5331.0** | 1/3* |
| 2x115 | 15 / 666 | 19.20 | 3 | **048-5334.0** | 1/3* |
| 2x115 | 18 / 555 | 22.90 | 3 | **048-5337.0** | 1/3* |
| 2x115 | 24 / 416 | 30.60 | 3 | **048-5343.0** | 1/3* |
| 2x115 | 2x6 / 834 | 2x8.10 | 4 | **048-5348.0** | 1/3* |
| 2x115 | 2x9 / 555 | 2x11.60 | 4 | **048-5351.0** | 1/3* |
| 2x115 | 2x12 / 416 | 2x15.70 | 4 | **048-5354.0** | 1/3* |
| 2x115 | 2x15 / 333 | 2x19.50 | 4 | **048-5357.0** | 1/3* |
| 2x115 | 2x18 / 277 | 2x23.50 | 4 | **048-5360.0** | 1/3* |
| 2x115 | 2x24 / 208 | 2x30.00 | 4 | **048-5366.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**H**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics




* Empty-Pin

# LAMINATED TRANSFORMERS
## Type EI54 / 18.8 - 16VA

**AGENCY APPROVALS**

**1.** UL 506, File E113449

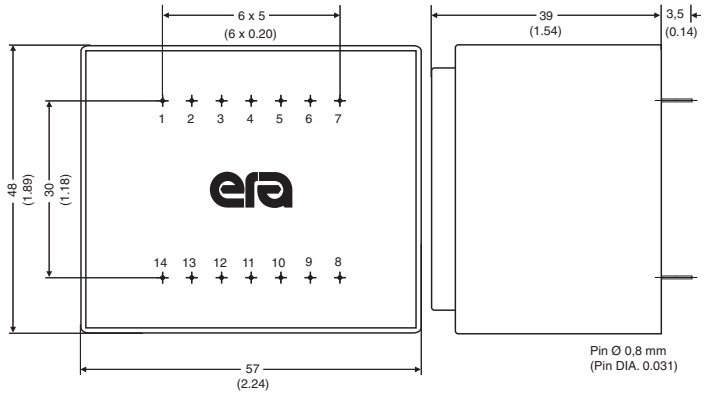
**3.** EN61558

- Frequency 50/60Hz
- Potted under vacuum
- Split-bobbin
- Temperature class ta 40°C/B
- Weight: 0.42kg
- Packaging unit: 10 pieces (tray)

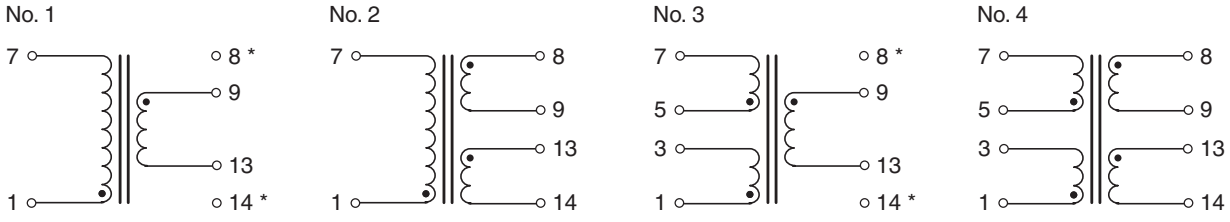
| Primary (V) | Secondary (V / mA) | No-Load Voltage (V) | Schematic No. | Part Number | Agency Approvals |
|---|---|---|---|---|---|
| 230 | 6 / 2666 | 7.60 | 1 | **054-5187.0** | 1/3* |
| 230 | 9 / 1777 | 11.30 | 1 | **054-5190.0** | 1/3* |
| 230 | 12 / 1333 | 14.90 | 1 | **054-5193.0** | 1/3* |
| 230 | 15 / 1066 | 18.40 | 1 | **054-5196.0** | 1/3* |
| 230 | 18 / 888 | 22.40 | 1 | **054-5199.0** | 1/3* |
| 230 | 24 / 666 | 29.60 | 1 | **054-5205.0** | 1/3* |
| 230 | 2x6 / 1333 | 2x7.70 | 2 | **054-5210.0** | 1/3* |
| 230 | 2x9 / 888 | 2x11.40 | 2 | **054-5213.0** | 1/3* |
| 230 | 2x12 / 666 | 2x15.00 | 2 | **054-5216.0** | 1/3* |
| 230 | 2x15 / 533 | 2x18.70 | 2 | **054-5219.0** | 1/3* |
| 230 | 2x18 / 444 | 2x22.40 | 2 | **054-5222.0** | 1/3* |
| 230 | 2x24 / 333 | 2x29.00 | 2 | **054-5228.0** | 1 |
| 115 | 6 / 2666 | 7.60 | 1 | **054-5049.0** | 1/3* |
| 115 | 9 / 1777 | 11.30 | 1 | **054-5052.0** | 1/3* |
| 115 | 12 / 1333 | 14.90 | 1 | **054-5055.0** | 1/3* |
| 115 | 15 / 1066 | 18.40 | 1 | **054-5058.0** | 1/3* |
| 115 | 18 / 888 | 22.40 | 1 | **054-5061.0** | 1/3* |
| 115 | 24 / 666 | 29.60 | 1 | **054-5067.0** | 1/3* |
| 115 | 2x6 / 1333 | 2x7.70 | 2 | **054-5072.0** | 1/3* |
| 115 | 2x9 / 888 | 2x11.40 | 2 | **054-5075.0** | 1/3* |
| 115 | 2x12 / 666 | 2x15.00 | 2 | **054-5078.0** | 1/3* |
| 115 | 2x15 / 533 | 2x18.70 | 2 | **054-5081.0** | 1/3* |
| 115 | 2x18 / 444 | 2x22.40 | 2 | **054-5084.0** | 1/3* |
| 115 | 2x24 / 333 | 2x29.00 | 2 | **054-5090.0** | 1 |
| 2x115 | 6 / 2666 | 7.60 | 3 | **054-5325.0** | 1/3* |
| 2x115 | 9 / 1777 | 11.30 | 3 | **054-5328.0** | 1/3* |
| 2x115 | 12 / 1333 | 14.90 | 3 | **054-5331.0** | 1/3* |
| 2x115 | 15 / 1066 | 18.40 | 3 | **054-5334.0** | 1/3* |
| 2x115 | 18 / 888 | 22.40 | 3 | **054-5337.0** | 1/3* |
| 2x115 | 24 / 666 | 29.60 | 3 | **054-5343.0** | 1/3* |
| 2x115 | 2x6 / 1333 | 2x7.70 | 4 | **054-5348.0** | 1/3* |
| 2x115 | 2x9 / 888 | 2x11.40 | 4 | **054-5351.0** | 1/3* |
| 2x115 | 2x12 / 666 | 2x15.00 | 4 | **054-5354.0** | 1/3* |
| 2x115 | 2x15 / 533 | 2x18.70 | 4 | **054-5357.0** | 1/3* |
| 2x115 | 2x18 / 444 | 2x22.40 | 4 | **054-5360.0** | 1/3* |
| 2x115 | 2x24 / 333 | 2x29.00 | 4 | **054-5366.0** | 1 |

***NOTE:** When checking the approval status of this product with VDE, add the prefix "**BV**" and the suffix "**K**" to the orderable Part Number (these letters will also be found on the part label). **The prefix and suffix are not part of the orderable Part Number.**

## Mechanical




## Schematics




* Empty-Pin