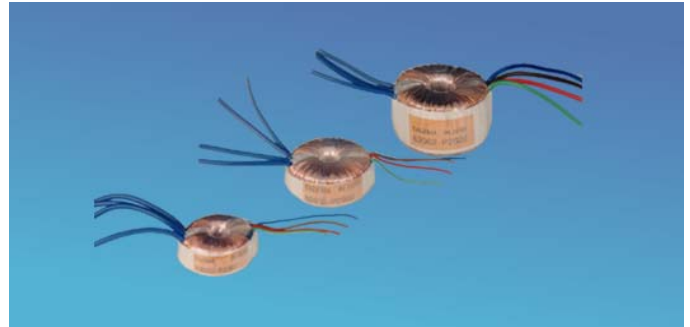


Standard Miniature Toroidal Transformers

Features

- Dual 115V, 50/60 Hz Primaries for parallel or series connections
- Lower strayfield
- High efficiency
- Reduced standby current
- Small size and low weight
- Extremely low level of radiated magnetic field
- Very low induced noise (hum)
- Very low iron loss
- Test Voltage Primary - Secondary 4.0 KV
- 100% electrical and flash tested
- Ambient operating temp.: +60°C Max.
- Insulation system recognized for Class A (105°C) meets all requirements of Class E (120°C)
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Fully RoHS & REACH Compliant



Standards

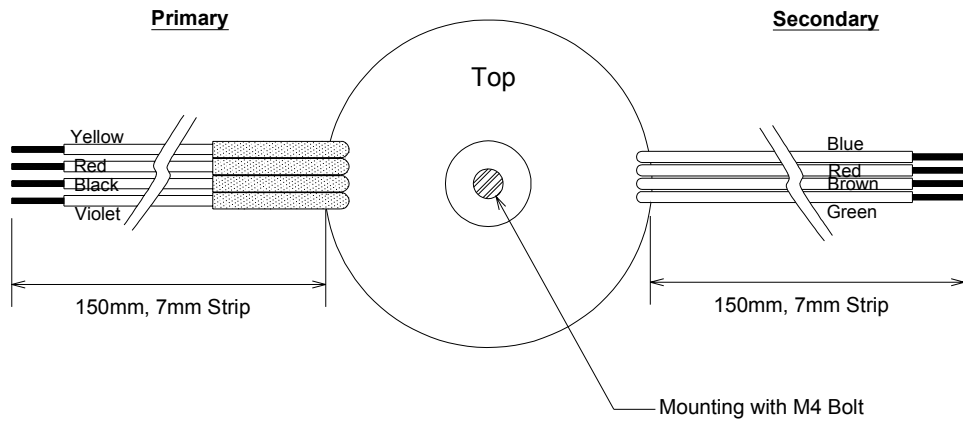
- High quality manufacturing and testing in accordance to EN61558, EN60950, EN60065 and BS415
- Tested and Approved by DEKRA to EN61558
- Recognized to UL5085, under family approval file E215495

| Power VA | Part Number 2 x 115V Primary | Secondary Full Load Voltage V | Secondary Current mA | Open Circuit Voltage V |
|----------|------------------------------------|--|----------------------------|------------------------------|
| 1.6 | 62000 | 2 x 7 | 114 | 2 x 8.9 |
| | 62001 | 2 x 9 | 89 | 2 x 11.6 |
| | 62002 | 2 x 12 | 67 | 2 x 15.4 |
| | 62003 | 2 x 15 | 53 | 2 x 19.3 |
| | 62004 | 2 x 18 | 44 | 2 x 23.4 |
| | 62005 | 2 x 22 | 36 | 2 x 28.2 |
| 3.2 | 62010 | 2 x 7 | 229 | 2 x 10.2 |
| | 62011 | 2 x 9 | 178 | 2 x 13.0 |
| | 62012 | 2 x 12 | 133 | 2 x 17.3 |
| | 62013 | 2 x 15 | 107 | 2 x 21.4 |
| | 62014 | 2 x 18 | 89 | 2 x 25.7 |
| | 62015 | 2 x 22 | 73 | 2 x 30.5 |
| 5.0 | 62020 | 2 x 7 | 357 | 2 x 9.7 |
| | 62021 | 2 x 9 | 278 | 2 x 12.4 |
| | 62022 | 2 x 12 | 208 | 2 x 17.0 |
| | 62023 | 2 x 15 | 167 | 2 x 21.3 |
| | 62024 | 2 x 18 | 139 | 2 x 25.5 |
| | 62025 | 2 x 22 | 114 | 2 x 30.5 |
| 7.0 | 62030 | 2 x 7 | 500 | 2 x 9.5 |
| | 62031 | 2 x 9 | 389 | 2 x 12.2 |
| | 62032 | 2 x 12 | 292 | 2 x 16.2 |
| | 62033 | 2 x 15 | 233 | 2 x 20.3 |
| | 62034 | 2 x 18 | 194 | 2 x 24.3 |
| | 62035 | 2 x 22 | 159 | 2 x 29.7 |
| 10 | 62040 | 2 x 7 | 714 | 2 x 8.3 |
| | 62041 | 2 x 9 | 556 | 2 x 10.8 |
| | 62042 | 2 x 12 | 417 | 2 x 14.4 |
| | 62043 | 2 x 15 | 333 | 2 x 18.0 |
| | 62044 | 2 x 18 | 278 | 2 x 21.7 |
| | 62045 | 2 x 22 | 227 | 2 x 26.3 |

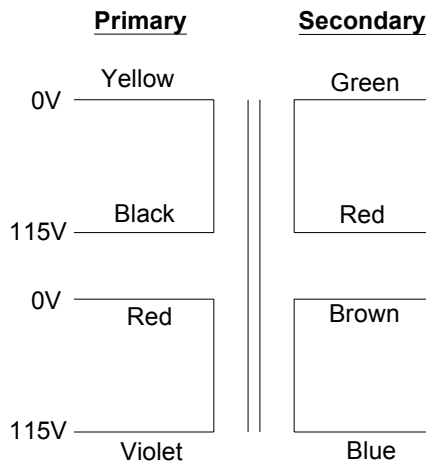
| Power VA | Part Number 2 x 115V Primary | Secondary Full Load Voltage V | Secondary Current mA | Open Circuit Voltage V |
|----------|------------------------------------|--|----------------------------|------------------------------|
| 15 | 62050 | 2 x 7 | 1071 | 2 x 8.9 |
| | 62051 | 2 x 9 | 833 | 2 x 11.1 |
| | 62052 | 2 x 12 | 625 | 2 x 14.8 |
| | 62053 | 2 x 15 | 500 | 2 x 18.5 |
| | 62054 | 2 x 18 | 417 | 2 x 22.2 |
| | 62055 | 2 x 22 | 341 | 2 x 27.2 |
| 25 | 62060 | 2 x 7 | 1785 | 2 x 8.3 |
| | 62061 | 2 x 9 | 1377 | 2 x 10.7 |
| | 62062 | 2 x 12 | 1041 | 2 x 14.2 |
| | 62063 | 2 x 15 | 832 | 2 x 17.8 |
| | 62064 | 2 x 18 | 694 | 2 x 21.4 |
| | 62065 | 2 x 22 | 568 | 2 x 26.2 |
| 35 | 62070 | 2 x 7 | 2500 | 2 x 8.2 |
| | 62071 | 2 x 9 | 1944 | 2 x 10.6 |
| | 62072 | 2 x 12 | 1458 | 2 x 14.0 |
| | 62073 | 2 x 15 | 1166 | 2 x 17.6 |
| | 62074 | 2 x 18 | 972 | 2 x 20.9 |
| | 62075 | 2 x 22 | 795 | 2 x 25.7 |
| 50 | 62080 | 2 x 7 | 3571 | 2 x 8.1 |
| | 62081 | 2 x 9 | 2777 | 2 x 10.4 |
| | 62082 | 2 x 12 | 2083 | 2 x 13.8 |
| | 62083 | 2 x 15 | 1666 | 2 x 17.3 |
| | 62084 | 2 x 18 | 1388 | 2 x 20.7 |
| | 62085 | 2 x 22 | 1136 | 2 x 25.4 |

Standard Miniature Toroidal Transformers

Mechanical Drawing - 620xx Series (2x115V Primary)



Schematic



Standard Output (Electrical measurements @ 20°C ambient temperature)

| Power VA | Dimensions OD x ID x H mm | Weight grams | No Load Regulation Delta Volts (%) | Delta Temp Å °C | Efficiency % | No Load mA (typ.) | 230V Fuse mA | Secondary Power (Max.) | | | | |
|----------|---------------------------|--------------|------------------------------------|-----------------|--------------|-------------------|--------------|------------------------|--------------------|-----------------|--------------|--------------|
| | | | | | | | | VA | Delta Volts Sec. % | Delta Temp Å °C | Efficiency % | Rec. Fuse mA |
| 1.6 | 37.5x7.0x17.0 | 71 | 29 | 10 | 77 | 1.0 | 32 | 2.0 | 60 | 30 | 60 | 32 |
| 3.2 | 42.0x7.0x17.5 | 89 | 41 | 20 | 70 | 1.5 | 32 | 3.7 | 80 | 40 | 50 | 50 |
| 5.0 | 47.0x6.0x18.0 | 115 | 45 | 29 | 70 | 2.0 | 50 | 5.5 | 80 | 40 | 50 | 63 |
| 7.0 | 47.0x6.8x21.5 | 145 | 34 | 25 | 74 | 3.0 | 63 | 7.5 | 70 | 40 | 60 | 80 |
| 10 | 53.5x6.8x23.5 | 216 | 20 | 24 | 82 | 3.0 | 80 | 12.0 | 60 | 45 | 60 | 100 |
| 15 | 57.5x7.0x24.0 | 262 | 23 | 27 | 81 | 4.0 | 100 | 16.0 | 60 | 40 | 65 | 125 |
| 25 | 58.0x13.8x34.5 | 388 | 19.0 | 28 | 84 | 5.0 | 160 | -- | -- | -- | -- | -- |
| 35 | 72.0x17.0x33.5 | 453 | 17.7 | 31 | 85 | 7.0 | 200 | -- | -- | -- | -- | -- |
| 50 | 78.0x22.5x35.0 | 670 | 15.5 | 30 | 86 | 8.0 | 315 | -- | -- | -- | -- | -- |

Regional Locations - Design, Manufacturing, Sales & Marketing

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Locations of Talema Group Regional Offices

