



ENGLISH

Datasheet

2 Output Toroidal Transformer, 30VA, 12 V ac

RS Stock number 540-5179



Description:

Open Form Toroidal Transformers, 115-230Vac Primary, 30VA & 50VA

Small size and low weight compared with traditional stacked laminated transformers

Both primary and secondary windings may be connected in series or parallel

Low induced noise (hum)

Low level of radiated magnetic field

Flexible lead outs, for ease of installation

100% electrical and flash testing

Note: Under no circumstances should both ends of the fixing bolt simultaneously contact the metal chassis or framework. This would constitute a shorting and cause irreparable damage. When wiring the unit to devices, special attention should be given to the colours of leads to ensure correct connection and polarity. Any improper connections may render the unit unworkable.

Specifications:

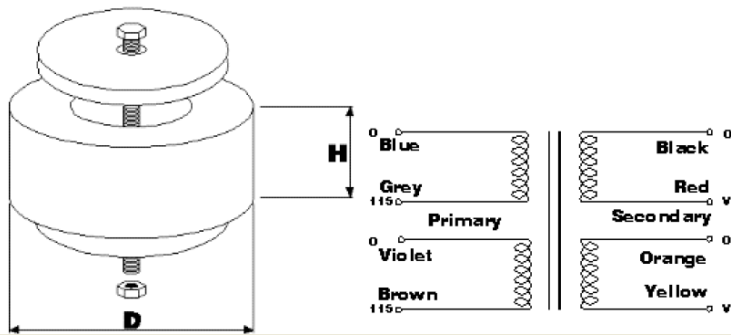
| Rating | Output (V) | Stock No. |
|---------|------------|-----------|
| 15VA | 6 + 6 | 12000 |
| | 9 + 9 | 12001 |
| | 12 + 12 | 12002 |
| | 15 + 15 | 12003 |
| | 18 + 18 | 12004 |
| 25 + 25 | 12005 | |
| 30VA | 6 + 6 | 12010 |
| | 9 + 9 | 12011 |
| | 12 + 12 | 12012 |
| | 15 + 15 | 12013 |
| | 18 + 18 | 12014 |
| 25 + 25 | 12015 | |
| 50VA | 6 + 6 | 12020 |
| | 9 + 9 | 12021 |
| | 12 + 12 | 12022 |
| | 15 + 15 | 12023 |
| | 18 + 18 | 12024 |
| | 25 + 25 | 12025 |
| 55 + 55 | 12026 | |



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| | | |
|--------|---|---|
| 80VA | 9 + 9 12 + 12 15 + 15 18 + 18 25 + 25 55 + 55 | 12100 12101 12102 12103 12104 12105 |
| 100VA | 9+ 9 12 + 12 15 + 15 18 + 18 25 + 25 | 12040 12041 12042 12043 12044 |
| 120VA | 12 + 12 15 + 15 18 + 18 25 + 25 30 + 30 55 + 55 | 12050 12051 12052 12053 12054 12055 |
| 160VA | 12 + 12 15 + 15 18 + 18 25 + 25 30 + 30 55 + 55 | 12060 12061 12062 12063 12064 12065 |
| 225VA | 12 + 12 15 + 15 18 + 18 25 + 25 30 + 30 55 + 55 | 12110 12111 12112 12113 12114 12115 |
| 250VA | 12 + 12 18 + 18 25 + 25 30 + 30 35 + 35 | 12070 12071 12072 12073 12074 |
| 300VA | 12 + 12 15 + 15 18 + 18 25 + 25 30 + 30 35 + 35 55 + 55 | 12079 12080 12081 12082 12083 12084 12085 |
| 500VA | 25 + 25 30 + 30 35 + 35 40 + 40 45 + 45 50 + 50 55 + 55 | 12092 12090 12093 12094 12095 12091 12096 |
| 625VA | 40 + 40 45 + 45 50 + 50 55 + 55 | 12120 12121 12122 12123 |
| 800VA | 40 + 40 45 + 45 50 + 50 55 + 55 | 12130 12131 12132 12133 |
| 1000VA | 40 + 40 45 + 45 50 + 50 55 + 55 | 12140 12141 12142 12143 |

Dimensions in mm, weight in gs



| RATING (VA) | | 15 | 30 | 50 | 80 | 100 | 120 | 160 |
|------------------------|---|-----------|-----------|-----------|-----------|------------|------------|------------|
| Diameter | D | 60 | 71 | 80 | 87 | 87 | 92 | 103 |
| Height | H | 30 | 32 | 34 | 40 | 45 | 45 | 45 |
| Weight (Kg) | | 0.45 | 0.55 | 0.8 | 1.15 | 1.25 | 1.5 | 1.75 |
| Centre Bolt | | M5 | M5 | M6 | M6 | M6 | M6 | M6 |
| Typical Regulation (%) | | 15 | 15 | 13 | 12 | 11 | 10 | 7 |

| RATING (VA) | | 225 | 250 | 300 | 500 | 625 | 800 | 1000 |
|------------------------|---|------------|------------|------------|------------|------------|------------|-------------|
| Diameter | D | 115 | 113 | 124 | 135 | 142 | 168 | 172 |
| Height | H | 52 | 53 | 55 | 58 | 70 | 62 | 70 |
| Weight (Kg) | | 2.4 | 2.45 | 2.75 | 4.6 | 5.2 | 6.3 | 7.5 |
| Centre Bolt | | M6 | M6 | M6 | M8 | M8 | M8 | M8 |
| Typical Regulation (%) | | 7 | 7 | 6.5 | 6 | 4.5 | 4.4 | 3.9 |