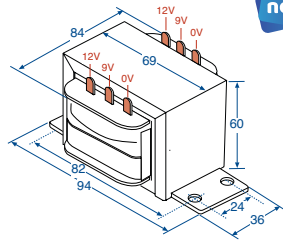
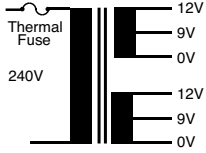


▼ EI Core

9V - 24V Multi-Tapped 6.6A Max



new



M 2165C 60VA, Max 5A
Secondary voltages available:

| Voltage | Current AC |
|---------|------------|
| 9V | 6.6A* |
| 12V | 5A* |
| 15V | 2.5A |
| 18V | 2.5A |
| 21V | 2.5A |
| 24V | 2.5A |



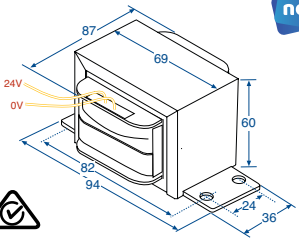
Primary voltage: 240V AC
 Total VA rating: 60VA
 Insulation: Class E (120°C)
 Magnetising current: <85mA
 Temperature rise: <65°C
 Regulation: ≈10%
 External AC fuse (required): 500mA
 Thermal fuse: 125°C
 Weight: ≈1.4kg
 Primary connection: 200mm fly leads
 Secondary connection: Solder tags

Must be used with a 500mA external AC fuse.

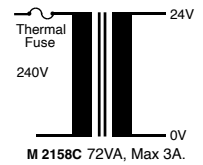
*Maximum current when connected in parallel

| Price Each | RRP | 4+ | 10+ |
|----------------|--------------|--------------|--------------|
| M 2165C | 45.00 | 40.00 | 36.00 |

24V Single Winding 3A Max



new



M 2158C 72VA, Max 3A.

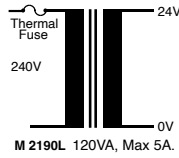
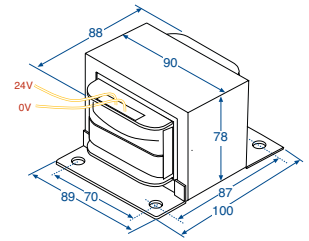


Primary voltage: 240V AC
 Total VA rating: 72VA
 Insulation: Class E (120°C)
 Magnetising current: <85mA
 Temperature rise: <65°C
 Regulation: ≈10%
 External AC fuse (required): 500mA
 Thermal fuse: 125°C
 Weight: ≈1.4kg
 Primary connection: 200mm fly leads
 Secondary connection: 200mm fly leads

Must be used with a standard 500mA external AC fuse.

| Price Each | RRP | 4+ | 10+ |
|----------------|--------------|--------------|--------------|
| M 2158C | 45.00 | 40.00 | 36.00 |

24V Single Winding 5A Max

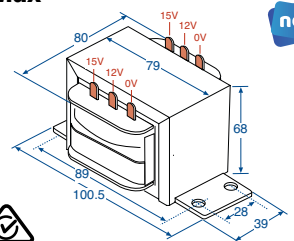


M 2190L 120VA, Max 5A.

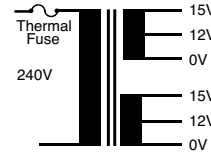
Primary voltage: 240V AC
 Total VA rating: 120VA
 Insulation: Class E (120°C)
 Magnetising current: <85mA
 Temperature rise: <65°C
 Regulation: ≈10%
 External AC fuse (required): 500mA
 Thermal fuse: 115°C
 Weight: ≈2.2kg
 Primary connection: 200mm fly leads
 Secondary connection: Solder tags

| Price Each | RRP | 4+ | 10+ |
|----------------|--------------|--------------|--------------|
| M 2190L | 64.95 | 58.50 | 51.95 |

12V - 30V Multi-Tapped 6A Max



new



M 2170C 100VA, Max 6.6A

Secondary Voltages Available:

| Voltage | Current AC |
|---------|------------|
| 12V | 6.6A* |
| 15V | 6.6A* |
| 24V | 3.3A |
| 27V | 3.3A |
| 30V | 3.3A |



Primary Voltage: 240V AC
 Total VA Rating: 100VA
 Insulation: Class E (120°C)
 Magnetising Current: <85mA
 Temperature Rise: <70°C
 Regulation: ≈14%
 External AC fuse (required): 500mA
 Thermal fuse: 125°C
 Weight: ≈1.6kg
 Primary connection: 200mm fly leads
 Secondary connection: Solder tags

Must be used with a 500mA external AC fuse.

*Maximum current when connected in parallel

| Price Each | RRP | 4+ | 10+ |
|----------------|--------------|--------------|--------------|
| M 2170C | 51.95 | 46.75 | 41.55 |

Calculating transformer temperature rise

To calculate the temperature rise of a power transformer use the following formula. The transformer should be left at full load for at least 4 hours to reach and stabilise at its maximum temperature.

$$\Delta t = [R_2 / R_1 (k + t_1)] - (k - t_2)$$

K = 234.5° for copper
 225° for aluminium

Δt = Temperature Rise

R1 = Primary resistance before test. i.e. cold

R2 = Primary resistance after test. i.e. hot

t1 = Ambient temperature before test.

t2 = Ambient temperature after test.

Insulation Temperature Class

| Winding type | Temp Rise (Max) |
|--------------|-----------------|
| Class 105(A) | 75 |
| Class 120(E) | 90 |
| Class 130(B) | 95 |
| Class 155(F) | 115 |
| Class 180(H) | 140 |
| Class 200 | 160 |
| Class 220 | 180 |
| Class 250 | 210 |

Important Note For All Customers

Our electronic enthusiast staff are generally able to offer valuable advice as to applications of our products and components. However we cannot be held responsible for any errors, or misunderstandings which may arise from such advice. We are not chartered engineers and do not charge for any technical opinions offered. We invite customers to seek independent professional assistance on complex circuits or applications.

Education & Government 30 Day Accounts

Universities, Colleges, Secondary Schools, TAFE Colleges & Government Departments qualify for 30 day credit accounts. For more information call your local store.

All currents listed are AC. For DC circuit information see the data at the front of this section. Manufacturers please note, we recommend that a sample is obtained to confirm suitability. Specifications may change without notice.