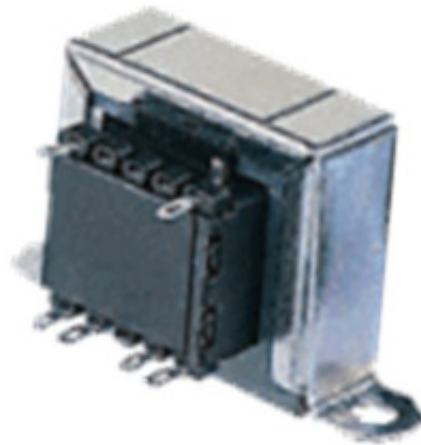




## **Chassis Mount, Clamp Construction**





## Chassis Mount, Clamp Construction

230 or 115/230 VAC Primary transformer, 6VA - 200VA

Chassis mounting low voltage mains transformers designed according to the following specifications.

### Specifications:

|              |                             |
|--------------|-----------------------------|
| Power:       | 50 - 1000 VA                |
| Frequency:   | 50/60 Hz                    |
| Primary:     | 230 or 115/230 VAC          |
| Secondary:   | 2 parallel (see list below) |
| Isolation:   | 4 kV RMS                    |
| Temp. class: | A (105°)                    |
| Approvals:   | BS3535 and EN 60 742        |

Chassis mounting low voltage mains transformers with a single 230 VAC or twin 115 VAC 50/60Hz primary winding. The two independent secondary windings may be connected in series or parallel to give a wide range of output voltage and current options.

- Double section bobbin construction
- Fully shrouded bobbins
- Full varnish impregnation
- Two hole fixing wrap-over clamps
- Solder tag terminations
- Optional terminal shrouds
- 100% electrical and flash tested

| Selection guide |            |            |    |    |                |      |
|-----------------|------------|------------|----|----|----------------|------|
| rated           | regulation | dimensions |    |    | fixing centers | wt.  |
| VA              | % typ.     | L.         | W. | H. |                | kg   |
| 6               | 25         | 45         | 40 | 37 | 53.5x4BA       | 0.2  |
| 12              | 15         | 59         | 50 | 50 | 70x2BA         | 0.4  |
| 20              | 12         | 59         | 57 | 50 | 70x2BA         | 0.55 |
| 50              | 10         | 79         | 62 | 65 | 92x2BA         | 1.0  |
| 75              | 10         | 79         | 75 | 65 | 54x54x4BA      | 1.5  |
| 100             | 10         | 89         | 68 | 75 | 57x43.5x2BA    | 1.6  |
| 150             | 10         | 100        | 82 | 82 | 72x60xM5       | 2.0  |
| 200             | 7          | 100        | 92 | 82 | 72x70xM5       | 2.8  |

**Standard Transformers:**

6VA Clamp  
Primary 0-230Vac  
Secondary 3VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x5V, 0.6A   | 120128           |
| 2x6V, 0.5A   | 120129           |
| 2x9V, 0.33A  | 120130           |
| 2x12V, 0.25A | 120131           |
| 2x15V, 0.2A  | 120132           |
| 2x18V, 0.17A | 120133           |
| 2x20V, 0.15A | 120134           |
| 2x24V, 0.12A | 120135           |

12VA Clamp  
Primary 0-230Vac  
Secondary 6VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x5V, 1.2A   | 120136           |
| 2x6V, 1.0A   | 120137           |
| 2x9V, 0.67A  | 120138           |
| 2x12V, 0.5A  | 120139           |
| 2x15V, 0.4A  | 120140           |
| 2x18V, 0.33A | 120141           |
| 2x20V, 0.3A  | 120142           |
| 2x24V, 0.25A | 120143           |

20VA Clamp  
Primary 0-230Vac  
Secondary 10VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x5V, 2.0A   | 120144           |
| 2x6V, 1.67A  | 120145           |
| 2x9V, 1.1A   | 120146           |
| 2x12V, 0.83A | 120147           |
| 2x15V, 0.67A | 120148           |
| 2x18V, 0.55A | 120149           |
| 2x20V, 0.5A  | 120150           |
| 2x24V, 0.42A | 120151           |



50VA Clamp  
Primary 0-230Vac  
Secondary 25VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x6V, 4.17A  | 120152           |
| 2x9V, 2.78A  | 120153           |
| 2x12V, 2.08A | 120154           |
| 2x15V, 1.67A | 120155           |
| 2x18V, 1.39A | 120156           |
| 2x20V, 1.25A | 120157           |
| 2x24V, 1.04A | 120158           |

75VA Clamp  
Primary 0-230Vac  
Secondary 37.5VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x6V, 6.25A  | 120159           |
| 2x9V, 4.17A  | 120160           |
| 2x12V, 3.12A | 120161           |
| 2x15V, 2.5A  | 120162           |
| 2x18V, 2.08A | 120163           |
| 2x24V, 1.56A | 120164           |
| 2x50V, 0.75A | 120165           |

100VA Clamp  
Primary 0-230Vac  
Secondary 50VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x6V, 8.33A  | 120166           |
| 2x9V, 5.55A  | 120167           |
| 2x12V, 4.17A | 120168           |
| 2x15V, 3.33A | 120169           |
| 2x18V, 2.78A | 120170           |
| 2x20V, 2.5A  | 120171           |
| 2x24V, 2.08A | 120172           |
| 2x30V, 1.67A | 120173           |
| 2x50V, 1.0A  | 120174           |



150VA Clamp  
Primary 0-230Vac  
Secondary 75VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x6V, 12·5A  | 120175           |
| 2x9V, 8·33A  | 120176           |
| 2x12V, 6·25A | 120177           |
| 2x15V, 5·0A  | 120178           |
| 2x18V, 4·17A | 120179           |
| 2x24V, 3·12A | 120180           |
| 2x50V, 1·5A  | 120181           |

200VA Clamp  
Primary 0-230Vac  
Secondary 100VA per winding

| output       | Type designation |
|--------------|------------------|
| 2x6V, 16·67A | 120182           |
| 2x9V, 11·1A  | 120183           |
| 2x12V, 8·33A | 120184           |
| 2x15V, 6·67A | 120185           |
| 2x18V, 5·55A | 120186           |
| 2x20V, 5·0A  | 120187           |
| 2x24V, 4·17A | 120188           |
| 2x30V, 3·33A | 120189           |
| 2x50V, 2·0A  | 120190           |

6VA Clamp  
Primary 0-115-0115Vac (for 115 or 230Vac input)  
Secondary 3VA per winding

| output         | Type designation |
|----------------|------------------|
| 2x0·6V, 0·5A   | 120191           |
| 2x0·9V, 0·33A  | 120192           |
| 2x0·12V, 0·25A | 120193           |
| 2x0·15V, 0·2A  | 120194           |
| 2x0·24V, 0·12A | 120195           |

12VA Clamp  
Primary 0-115-0-115Vac (for 115 or 230Vac input)  
Secondary 6VA per winding

| output         | Type designation |
|----------------|------------------|
| 2x0·6V, 1·0A   | 120196           |
| 2x0·9V, 0·67A  | 120197           |
| 2x0·12V, 0·5A  | 120198           |
| 2x0·15V, 0·4A  | 120199           |
| 2x0·24V, 0·25A | 120200           |

**20VA Clamp**

Primary 0-115-0-115Vac (for 115 or 230Vac input)

Secondary 10VA per winding

| output         | Type designation |
|----------------|------------------|
| 2×0-6V, 1·67A  | 120201           |
| 2×0-9V, 1·1A   | 120202           |
| 2×0-12V, 0·83A | 120203           |
| 2×0-15V, 0·67A | 120204           |
| 2×0-24V, 0·42A | 120205           |

**50VA Clamp**

Primary 0-115-0-115Vac (for 115 or 230Vac input)

Secondary 25VA per winding

| output         | Type designation |
|----------------|------------------|
| 2×0-6V, 4·17A  | 120206           |
| 2×0-9V, 2·78A  | 120207           |
| 2×0-12V, 2·08A | 120208           |
| 2×0-15V, 1·67A | 120209           |
| 2×0-24V, 1·04A | 120210           |

**100VA Frame**

Primary 0-115-0-115Vac (for 115 or 230Vac input)

Secondary 50VA per winding

| output         | Type designation |
|----------------|------------------|
| 2×0-6V, 8·33A  | 120211           |
| 2×0-9V, 5·55A  | 120212           |
| 2×0-12V, 4·17A | 120213           |
| 2×0-15V, 3·33A | 120214           |
| 2×0-24V, 2·08A | 120215           |