

Transformers

Open Core and Coil Transformers

Options and Fusing Guide

Encapsulated Transformer Options

| Accessory Type | Fuse Type | Product Number | List Price GO-80 |
|---|---|---------------------------|---------------------|
| Terminal Links (Standard Terminal Blocks) | | 9T58K0000G01 | \$ 0.80 |
| Fuse Clips Mounted on Terminals | Single 1/4" x 1 1/4" Glass Fuse | 9T58K0000G09 ¹ | \$ 2.05 |
| Fuse Blocks Mounted on Top of Transformer | Dual 9/16" x 2" H/K Fuses | 9T58K0000G05 | \$ 9.80 |
| Fuse Blocks Mounted on Top of Transformer | Single 9/16" x 2" H/K Fuses | 9T58K0000G10 | \$ 10.50 |
| Fuse Blocks Mounted on Top of Transformer | Dual 13/32" x 1 1/2" Class CC Fuses with Single 9/16" x 2" H/K Fuse | 9T58K0000G18 | \$ 11.80 |
| Fuse Blocks Mounted on Top of Transformer | Single 1/4" x 1 1/4" Glass Fuse | 9T58K0000G24 | \$ 4.40 |
| Fuse Blocks Mounted on Top of Transformer | Dual 13/32" x 1 1/2" Class CC Fuses with Single 13/32" x 1 1/2" Midget Fuse | 9T58K0000G38 | \$ 14.40 |
| Fuse Blocks Mounted on Top of Transformer | Single 13/32" x 1 1/2" Midget Fuse | 9T58K0000G42 | \$ 9.90 |
| Fuse Blocks Mounted on Top of Transformer | Dual 13/32" x 1 1/2" Class CC Fuses with Single 1/4" x 1 1/4" Glass Fuse | 9T58K0000G48 | \$ 12.20 |

¹Use G24 when the transformer is a series multiple or multitapped winding with no open terminals.

Fuse Guide

Midget Class CC Rejection Fuse

| Primary Voltage | Encapsulated Transformer Continuous Power Rating (VA) | | | | | | | | |
|-----------------------|---|------|------|------|------|------|------|------|------|
| | 50 | 75 | 100 | 150 | 200 | 250 | 300 | 375 | 500 |
| Fuse Rating (Amperes) | | | | | | | | | |
| 100 | 1.50 | 2.00 | 3.00 | 4.00 | 3.00 | 4.00 | 5.00 | 6.00 | 8.00 |
| 110 | 1.25 | 2.00 | 2.50 | 4.00 | 5.00 | 3.00 | 4.00 | 5.00 | 7.00 |
| 120 | 1.25 | 1.60 | 2.50 | 3.00 | 5.00 | 3.00 | 4.00 | 5.00 | 6.00 |
| 200 | 0.75 | 1.00 | 1.50 | 2.00 | 3.00 | 3.00 | 4.00 | 5.00 | 4.00 |
| 208 | 0.60 | 1.00 | 1.25 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 4.00 |
| 220 | 0.60 | 1.00 | 1.25 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 3.00 |
| 230 | 0.60 | 0.80 | 1.25 | 1.60 | 2.50 | 3.00 | 3.00 | 4.00 | 3.00 |
| 240 | 0.60 | 0.80 | 1.25 | 1.60 | 2.50 | 3.00 | 3.00 | 4.00 | 3.00 |
| 277 | 0.50 | 0.80 | 1.00 | 1.60 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 380 | 0.30 | 0.50 | 0.75 | 1.00 | 1.50 | 1.60 | 2.00 | 2.50 | 3.00 |
| 400 | 0.30 | 0.50 | 0.75 | 1.00 | 1.50 | 1.60 | 2.00 | 2.50 | 3.00 |
| 416 | 0.30 | 0.50 | 0.60 | 1.00 | 1.25 | 1.60 | 2.00 | 2.50 | 3.00 |
| 440 | 0.30 | 0.50 | 0.60 | 1.00 | 1.25 | 1.60 | 2.00 | 2.50 | 3.00 |
| 460 | 0.30 | 0.40 | 0.60 | 0.80 | 1.25 | 1.60 | 1.60 | 2.00 | 3.00 |
| 480 | 0.30 | 0.40 | 0.60 | 0.80 | 1.25 | 1.50 | 1.60 | 2.00 | 3.00 |
| 550 | 0.25 | 0.40 | 0.50 | 0.80 | 1.00 | 1.25 | 1.60 | 2.00 | 2.50 |
| 575 | 0.25 | 0.30 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.60 | 2.50 |
| 600 | 0.25 | 0.30 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.60 | 2.50 |

For motor control circuits fusing, refer to NEC 430-72.

Secondary Fuse Selection

| Secondary Voltage | Encapsulated Transformer Continuous Power Rating (VA) | | | | | | | | | | | | | |
|-----------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|------|------|
| | 50 | 75 | 100 | 150 | 200 | 250 | 300 | 375 | 500 | 750 | 1000 | 1500 | 2000 | 3000 |
| Fuse Rating (Amperes) | | | | | | | | | | | | | | |
| 12 | 6.00 | 10.00 | 12.00 | 15.00 | 20.00 | 25.00 | 30.00 | — | — | — | — | — | — | — |
| 24 | 3.00 | 5.00 | 6.00 | 10.00 | 12.00 | 12.00 | 15.00 | — | 25.00 | — | — | — | — | — |
| 36 | 2.00 | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | — | 15.00 | — | — | — | — | — |
| 48 | 1.60 | 2.50 | 3.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 | 12.00 | — | — | — | — | — |
| 95 | 0.80 | 1.25 | 1.60 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 8.00 | 12 | 15 | 20 | 25 | — |
| 110 | 0.75 | 1.00 | 1.50 | 2.00 | 3.00 | 3.00 | 4.00 | 5.00 | 7.00 | 10 | 12 | 20 | 25 | 30 |
| 115 | 0.60 | 1.00 | 1.25 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 7.00 | 10 | 12 | 20 | 20 | 30 |
| 120 | 0.60 | 1.00 | 1.25 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 10 | 12 | 15 | 20 | 30 |
| 208 | 0.40 | 0.60 | 0.80 | 1.00 | 1.60 | 2.00 | 2.00 | 3.00 | 4.00 | 6 | 8 | 12 | 15 | 20 |
| 220 | 0.30 | 0.50 | 0.75 | 1.00 | 1.50 | 1.60 | 2.00 | 2.50 | 3.00 | 5 | 7 | 10 | 12 | 20 |
| 230 | 0.30 | 0.50 | 0.60 | 1.00 | 1.25 | 1.60 | 2.00 | 2.50 | 3.00 | 5 | 7 | 10 | 12 | 20 |
| 240 | 0.30 | 0.50 | 0.60 | 1.00 | 1.25 | 1.60 | 2.00 | 2.50 | 3.00 | 5 | 6 | 10 | 12 | 15 |

Note: Encapsulated Transformer Continuous Power Rating (VA) 50-1500 are Glass Fuse, 2000-3000 are H/K Fuse.

