

Description

It is recommended that fuses be installed in the line to protect the SCR's and loads. See drawings below.

Control Concepts, Inc. stocks a large variety of fuses and fuse blocks for your convenience. This brochure describes the fuse kits available from our shelves.

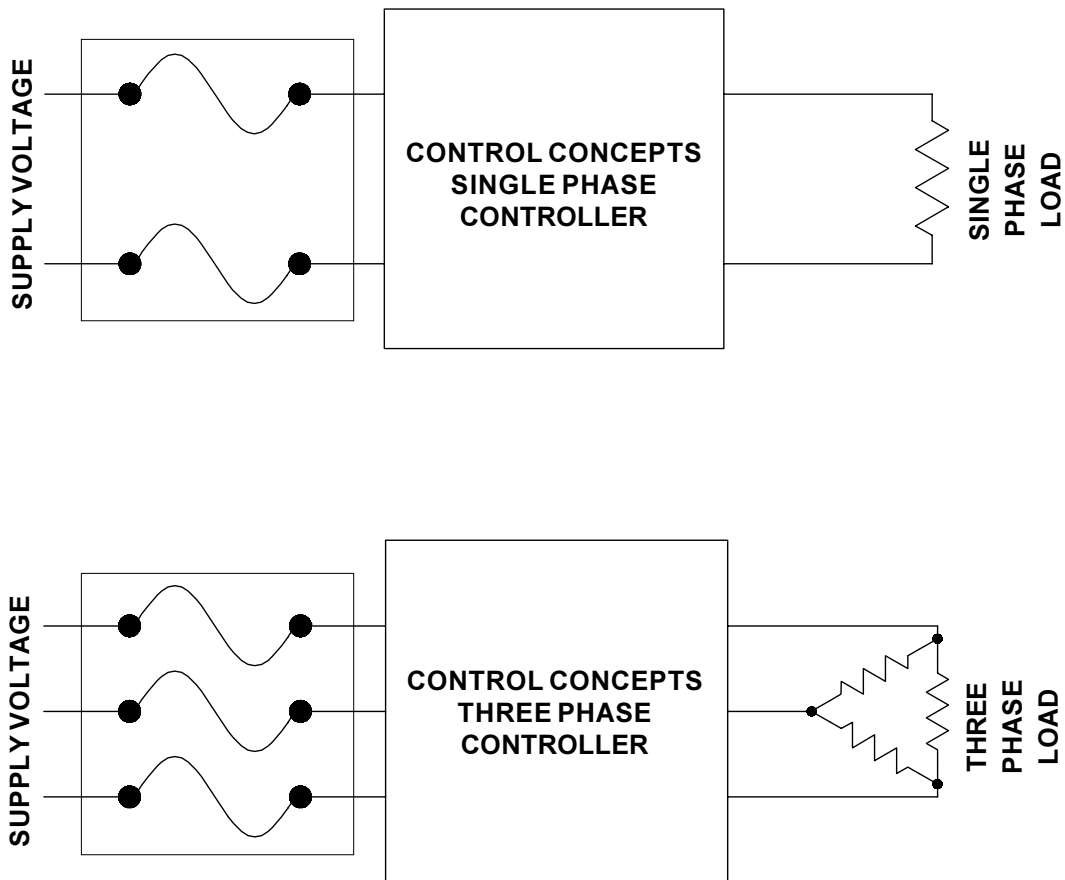
Two types of fuses are usually used to protect SCR Controllers and loads: 'SEMICONDUCTOR' and CLASS 'T'.

CLASS 'T' fuses are very fast acting fuses and are well suited for heating and lighting circuits.

'SEMICONDUCTOR' fuses are faster acting than CLASS 'T', provide slightly better protection for the SCR's, but are more expensive and are generally larger.

SEMICONDUCTOR fuses are not rated for branch protection, therefore another fuse or a circuit breaker must be installed ahead of the circuit using SEMI-CONDUCTOR fuses.

Fuse current rating should be approximately 125% of the continuous current load, but should not exceed the current capacity of the conductors.



Connections for single and three phase loads using fuses in each leg of supply.

300 Volt Class 'T' Fuse Kits

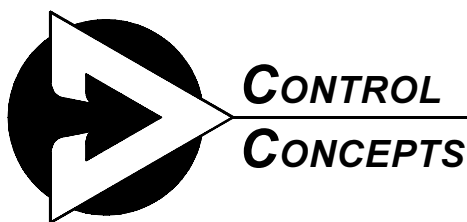
| CCI Part No. | Description |
|--------------|-----------------------------|
| FK/31T70 | 1 POLE, ONE 70 AMP FUSE |
| FK/31T80 | 1 POLE, ONE 80 AMP FUSE |
| FK/31T90 | 1 POLE, ONE 90 AMP FUSE |
| FK31T100 | 1 POLE, ONE 100 AMP FUSE |
| FK/32T10 | 2 POLE, TWO 10 AMP FUSES |
| FK/32T15 | 2 POLE, TWO 15 AMP FUSES |
| FK/32T20 | 2 POLE, TWO 20 AMP FUSES |
| FK/32T25 | 2 POLE, TWO 25 AMP FUSES |
| FK/32T30 | 2 POLE, TWO 30 AMP FUSES |
| FK/32T35 | 2 POLE, TWO 35 AMP FUSES |
| FK/32T40 | 2 POLE, TWO 40 AMP FUSES |
| FK/32T45 | 2 POLE, TWO 45 AMP FUSES |
| FK/32T50 | 2 POLE, TWO 50 AMP FUSES |
| FK/32T60 | 2 POLE, TWO 60 AMP FUSES |
| FK/32T70 | 2 POLE, TWO 70 AMP FUSES |
| FK/32T80 | 2 POLE, TWO 80 AMP FUSES |
| FK/32T90 | 2 POLE, TWO 90 AMP FUSES |
| FK/32T100 | 2 POLE, TWO 100 AMP FUSES |
| FK/33T10 | 3 POLE, THREE 10 AMP FUSES |
| FK/33T15 | 3 POLE, THREE 15 AMP FUSES |
| FK/33T20 | 3 POLE, THREE 20 AMP FUSES |
| FK/33T25 | 3 POLE, THREE 25 AMP FUSES |
| FK/33T30 | 3 POLE, THREE 30 AMP FUSES |
| FK/33T35 | 3 POLE, THREE 35 AMP FUSES |
| FK/33T40 | 3 POLE, THREE 40 AMP FUSES |
| FK/33T45 | 3 POLE, THREE 45 AMP FUSES |
| FK/33T50 | 3 POLE, THREE 50 AMP FUSES |
| FK/33T60 | 3 POLE, THREE 60 AMP FUSES |
| FK/33T70 | 3 POLE, THREE 70 AMP FUSES |
| FK/33T90 | 3 POLE, THREE 90 AMP FUSES |
| FK/33T100 | 3 POLE, THREE 100 AMP FUSES |

500 Volt, Semiconductor fuse kits

| CCI Part No. | Description |
|--------------|----------------------------|
| FK/51S150M | 1 POLE, w/150 AMP FWH FUSE |
| FK/51S250M | 1 POLE, w/250 AMP FWH FUSE |
| FK/51S300M | 1 POLE, w/300 AMP FWH FUSE |

Order by CCI part number. Each kit contains fuseholder and fuses as described.

Order From: _____



7870 Park Drive
Chanhassen, MN 55317
Made in U.S.A.

(952) 474-6200
1-800-765-2799
FAX (952) 474-6070
www.cci-power.com

600 Volt Class 'T' Fuse Kits

| CCI Part No. | Description |
|--------------|--------------------------|
| FK/61T10 | 1 POLE, one 10 AMP FUSE |
| FK/61T15 | 1 POLE, one 15 AMP FUSE |
| FK/61T20 | 1 POLE, one 20 AMP FUSE |
| FK/61T25 | 1 POLE, one 25 AMP FUSE |
| FK/61T30 | 1 POLE, one 30 AMP FUSE |
| FK/61T35 | 1 POLE, one 35 AMP FUSE |
| FK/61T40 | 1 POLE, one 40 AMP FUSE |
| FK/61T45 | 1 POLE, one 45 AMP FUSE |
| FK/61T50 | 1 POLE, one 50 AMP FUSE |
| FK/61T60 | 1 POLE, one 60 AMP FUSE |
| FK/61T70 | 1 POLE, one 70 AMP FUSE |
| FK/61T80 | 1 POLE, one 80 AMP FUSE |
| FK/61T90 | 1 POLE, one 90 AMP FUSE |
| FK/61T100 | 1 POLE, one 100 AMP FUSE |
| FK/61T110M | 1 POLE, one 110 AMP FUSE |
| FK/61T125M | 1 POLE, one 125 AMP FUSE |
| FK/61T150M | 1 POLE, one 150 AMP FUSE |
| FK/61T175M | 1 POLE, one 175 AMP FUSE |
| FK/61T200M | 1 POLE, one 200 AMP FUSE |
| FK/61T225M | 1 POLE, one 225 AMP FUSE |
| FK/61T250M | 1 POLE, one 250 AMP FUSE |
| FK/61T300M | 1 POLE, one 300 AMP FUSE |
| FK/61T350M | 1 POLE, one 350 AMP FUSE |
| FK/61T450M | 1 POLE, one 450 AMP FUSE |
| FK/61T600M | 1 POLE, one 600 AMP FUSE |

FUSEHOLDERS ABOVE 100 AMPS ARE MODULAR

| | |
|-----------|---------------------------|
| FK/62T10 | 2 POLE, two 10 AMP FUSES |
| FK/62T15 | 2 POLE, two 15 AMP FUSES |
| FK/62T20 | 2 POLE, two 20 AMP FUSES |
| FK/62T25 | 2 POLE, two 25 AMP FUSES |
| FK/62T30 | 2 POLE, two 30 AMP FUSES |
| FK/62T35 | 2 POLE, two 35 AMP FUSES |
| FK/62T40 | 2 POLE, two 40 AMP FUSES |
| FK/62T45 | 2 POLE, two 45 AMP FUSES |
| FK/62T50 | 2 POLE, two 50 AMP FUSES |
| FK/62T60 | 2 POLE, two 60 AMP FUSES |
| FK/62T70 | 2 POLE, two 70 AMP FUSES |
| FK/62T80 | 2 POLE, two 80 AMP FUSES |
| FK/62T90 | 2 POLE, two 90 AMP FUSES |
| FK/62T100 | 2 POLE, two 100 AMP FUSES |

| | |
|-----------|-----------------------------|
| FK/63T10 | 3 POLE, three 10 AMP FUSES |
| FK/63T15 | 3 POLE, three 15 AMP FUSES |
| FK/63T20 | 3 POLE, three 20 AMP FUSES |
| FK/63T25 | 3 POLE, three 25 AMP FUSES |
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