Volatges shown in curve headings are maximum at which the breaker may be applied. Interrupting capacity of individual breaker is tabulated on each curve.

<table>
<thead>
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<th>Breaker Description</th>
<th>Curve No.</th>
<th>Page</th>
</tr>
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<tr>
<td>Type FCL 15 Amperes</td>
<td>SC-4340-80A</td>
<td>2</td>
</tr>
<tr>
<td>Type FCL 20 Amperes</td>
<td>SC-4341-80A</td>
<td>3</td>
</tr>
<tr>
<td>Type FCL 25 Amperes</td>
<td>SC-4342-80A</td>
<td>4</td>
</tr>
<tr>
<td>Type FCL 30 Amperes</td>
<td>SC-4343-80A</td>
<td>5</td>
</tr>
<tr>
<td>Type FCL 35 Amperes</td>
<td>SC-4344-80A</td>
<td>6</td>
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<tr>
<td>Type FCL 40 Amperes</td>
<td>SC-4345-80A</td>
<td>7</td>
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<tr>
<td>Type FCL 45 Amperes</td>
<td>SC-4346-80A</td>
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<tr>
<td>Type FCL 50 Amperes</td>
<td>SC-4347-80A</td>
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<tr>
<td>Type FCL 60 Amperes</td>
<td>SC-4348-80A</td>
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<td>Type FCL 80 Amperes</td>
<td>SC-4350-80A</td>
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<td>Type FCL 90 Amperes</td>
<td>SC-4351-80A</td>
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<td>SC-4352-80A</td>
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<td>SC-3625-81A</td>
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<td>Type FCL 200 Amperes</td>
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<td>Type FCL 200 Amperes</td>
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<td>SC-3574-76A</td>
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<td>Type FB 100 Amperes</td>
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<tr>
<td>Type LA 70 Amperes</td>
<td>SC-3580-76A</td>
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<tr>
<td>Type LA 90 Amperes</td>
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<td>Type LA 100 Amperes</td>
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<tr>
<td>Type LA 150 Amperes</td>
<td>SC-3584-76A</td>
<td>32</td>
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<td>Type LA 175 Amperes</td>
<td>SC-3585-76A</td>
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<tr>
<td>Type LA 200 Amperes</td>
<td>SC-3586-76A</td>
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<tr>
<td>Type LA 225 Amperes</td>
<td>SC-3587-76A</td>
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<tr>
<td>Type LA 250 Amperes</td>
<td>SC-3588-76A</td>
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<tr>
<td>Type LA 300 Amperes</td>
<td>SC-3589-76A</td>
<td>37</td>
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<tr>
<td>Type LA 350 Amperes</td>
<td>SC-3590-76A</td>
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</tr>
<tr>
<td>Type LA 400 Amperes</td>
<td>SC-3591-76A</td>
<td>39</td>
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<tr>
<td>Type NB 300 Amperes</td>
<td>SC-3592-76B</td>
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<tr>
<td>Type NB 350 Amperes</td>
<td>SC-3593-76B</td>
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<tr>
<td>Type NB 400 Amperes</td>
<td>SC-3594-76B</td>
<td>42</td>
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<tr>
<td>Type NB 500 Amperes</td>
<td>SC-3595-76B</td>
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<tr>
<td>Type NB 600 Amperes</td>
<td>SC-3596-76B</td>
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<td>Type NB 700 Amperes</td>
<td>SC-3597-76B</td>
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<td>Type NB 800 Amperes</td>
<td>SC-3598-76B</td>
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<tr>
<td>Type PB 600 Amperes</td>
<td>SC-3599-76B</td>
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<tr>
<td>Type PB 800 Amperes</td>
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<tr>
<td>Type PB 1000 Amperes</td>
<td>SC-3601-76B</td>
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<td>Type PB 1200 Amperes</td>
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<td>Type PB 1400 Amperes</td>
<td>SC-3603-76B</td>
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<tr>
<td>Type PB 1800 Amperes</td>
<td>SC-3604-76B</td>
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</tbody>
</table>

Individual oversize copies of curves listed above printed on onion-skin paper are available in limited quantity from: Cutler-Hammer Westinghouse & Cutler-Hammer Products Five Parkway Center Pittsburgh, PA 15220

When ordering onion-skin curves, use number at bottom of page where curve appears, i.e., SC-4340-80. Requests for full sets of curves will not be honored.
AB DE-ION Current Limit-R® Circuit Breakers

Type FCL, 15 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Breaker Rating
Continuous Rating
480 Volts
FCL 200,000

Interrupting Rating (UL Listed)
Frame 5000 Volts 480 Volts
FCL 200,000 100,000

Maximum Interrupting
Time at 240 Volts Ac

Maximum Interrupting
Time at 480 Volts Ac

1 CYCLE

1 HOUR 1 MINUTE

2 HOURS
Type FCL, 20 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves
Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Interrupting Rating (UL Listed)
Circuit Breaker Time/Current Curves
Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Interrupting Rating (UL Listed)

Circuit Breaker Time/Current Curves
Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Interrupting Rating (UL Listed)
Type FCL, 30 Amperes, 2 and 3 Poles

Current Limit-R® Circuit Breakers

Catalog Type FCL Breakers, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts

<table>
<thead>
<tr>
<th>Breaker Rating</th>
<th>Continuous Rating in Amperes</th>
<th>Fixed Instantaneous Trip Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>300 - 1000</td>
<td></td>
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</tbody>
</table>

Interrupting Rating (UL Listed)

<table>
<thead>
<tr>
<th>Breaker</th>
<th>Symmetrical RMS Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCL</td>
<td>120,000</td>
</tr>
</tbody>
</table>

Maximum Interrupting Time at 240 Volts Ac

Maximum Interrupting Time at 480 Volts Ac

Current Limiting Threshold

Maximum Total Clearing Time

Minimum Total Clearing Time

Circuit Breaker Time/Current Curves

Interrupting Rating (UL Listed)

Breaker | Symmetrical RMS Amperes |
---------|-------------------------|
FCL      | 120,000                  |

Continuous Rating in Amperes

Maximum Interrupting Time at 240 Volts Ac

Maximum Interrupting Time at 480 Volts Ac

Current Limiting Threshold

Maximum Total Clearing Time

Minimum Total Clearing Time

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers

Catalog Type FCL Breakers, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.
AB DE-ION Current Limit-R® Circuit Breakers

Type FCL, 35 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
50, 60 Hertz

Breaking Rating
Continuous Rating
at 240 Volts Ac

Maximum Interrupting
Time at 240 Volts Ac

Current Limiting
Threshold

Maximum Interrupting
Time at 480 Volts Ac

Interrupting Rating (UL Listed)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Interrupting RMS Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCL</td>
<td>100,000</td>
</tr>
<tr>
<td></td>
<td>150,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interrupting Rating (UL Listed)</th>
<th>Frame</th>
<th>Interrupting RMS Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCL</td>
<td>100,000</td>
<td>150,000</td>
</tr>
</tbody>
</table>

October 1997
Type FCL, 40 Amperes, 2 and 3 Poles

AB DE-ION Current Limit-R® Circuit Breakers

Catalog Type FCL Breakers, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts 480, 60 Hertz

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers

Interrupting Rating (UL Listed)

Symmetrical RMS Amperes

Frame

FCL

40 600 - 1000

Breaker Rating

Continuous Rating in Amperes

Fixed Instantaneous

Threshold

Maximum Interrupting Time at 480 Volts Ac

AB DE-ION Current Limit-R® Circuit Breakers

Application Data

Curve No. SC-4345-80A

October 1997
AB DE-ION Current Limit-R® Circuit Breakers

Type FCL, 45 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Breaker Rating
Continuous Rating
in Amperes
Fixed Instantaneous
Trip Amperes

Interrupting Rating (UL Listed)
Breaker
Continuous RMS Amperes

FCL
100,000
150,000
Type FCL, 50 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
600, 65 Hertz

Breaker Rating
Continuous Rating in Amperes
240 Volts 480 Volts
20,000 10,000

Interrupting Rating UL Listed
Breaker Symmetrical RMS Amperes
FCL 20,000 10,000

Interrupting Rating (UL Listed)
Frame

Maximum Interrupting Time at 240 Volts Ac

Maximum Interrupting Time at 480 Volts Ac

Current Limiting Threshold

Maximum Total Clearing Time

Minimum Total Clearing Time

October 1997
AB DE-ION Current Limit-R® Circuit Breakers
Type FCL, 60 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves
Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hz

Breaker Rating
Continuous Rating in Amperes
200,000

Fixed Instantaneous Trip Amperes
80 - 130

Interrupting Rating (UL Listed)
Rated Volts
240 Volts 480 Volts

Current Limiting Threshold
Maximum Interrupting Time at 240 Volts Ac
Maximum Interrupting Time at 480 Volts Ac
Minimum Total Clearing Time
Maximum Total Clearing Time

Curve No. SC-4348-80A
October 1997
Type FCL, 70 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R® Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 45°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
240 Volts 480 Volts
Breaker Rating
Continuous Rating in Amperes

Frame Symmetrical RMS Amperes
70 200 - 1300
FCL 230,000 150,000

Interrupting Rating (UL Listed)

Interrupting Time at 240 Volts Ac

Interrupting Time at 480 Volts Ac

Current Limiting Threshold

Maximum Interrupting Time

Maximum Total Clearing Time

Minimum Total Clearing Time

October 1997
AB DE-ION Current Limit-R® Circuit Breakers

Type FCL, 80 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Breaker Rating
Continuous Rating
in Amperes
200,000

Interrupting Rating (UL Listed)
Circuit Breaker
Symmetrical RMS Amperes
FCL 200,000 150,000

Maximum Interrupting Time at 240 Volts Ac
Current Limiting Threshold
Maximum Interrupting Time at 480 Volts Ac
Maximum Interrupting Time at 240 Volts Ac

Time in Seconds
1,000
500
300
200

1 Hour
1 Minute
2 Hours

Current in Amperes
10,000
8,000
6,000
9,000
7,000
5,000
4,000
3,000
2,000
100,000
80,000
60,000
90,000
70,000
50,000
40,000
30,000
20,000
1,000
800
600
900
700
500
400
300
200
100
80
60
90
70
50

Interrupting Time (in Seconds)
100
50
30
20
10
5
3
2
1
.5
.3
.2
.1
.05
.03
.02
.01
.005
.003
.002
.001

UL Listed
Type FCL, 90 Amperes, 2 and 3 Poles

AB DE-ION Current Limit-R® Circuit Breakers

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type FCL Breakers, 2 and 3 Poles
Application and coordination curves based on 40°C ambient cold start, connected with four 100 feet of 60/75°C rated wire size and tested in the open air with current in all poles.

Maximum Ac Volts
480, 60 Hertz

Breaker Rating
Continuous Rating in Amperes
FCL 240 Volts 480 Volts
200,000

Interrupting Rating (UL Listed)
Breaker Symmetrical RMS Amperes
Frame 200,000 150,000
FCL 480 Volts 480 Volts

Current Limiting Threshold
Maximum Interrupting Time at 480 Volts Ac
Maximum Interrupting Time at 240 Volts Ac

Maximum Total Clearing Time
Minimum Total Clearing Time

October 1997
AB DE-ION Current Limit-R® Circuit Breakers

Type FCL, 100 Amperes, 2 and 3 Poles
Types LCL and LCLG, 125-250 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type LCL, LCLG Breakers, 2 and 3 Poles

Curve accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambients above +40°C refer to Cutler-Hammer.

Maximum Ac Volts
600, 50/60 Hertz

Breaker Ratings
Continuous Amps | Short Delay Pickup Settings
--- | ---
125-250 | 3X to 9X rating plug value with calibration settings as shown on curve (Tol. ±10%)

Interrupting Rating (UL/CSA Listed)
Frame: 240 Volts 260 Volts 300 Volts 600 Volts
LCL, LCLG: 200,000 200,000 100,000

Rating Plugs Available
Continuous Amperes Range of Adjustment
200 Amp | Fixed 100%
250 Amp | Fixed 100%
300 Amp | Fixed 100%
320 Amp | 70-100%
375 Amp | 70-100%
500 Amp | 75-100%

When adjustable rating plugs are used, short delay pickup settings track the selected position of the adjustable rating plug. For example, with an adjustable 250 amp rating plug set at 50% and the short delay pickup set at 4X, the short delay pickup is 250 X 50% X 4 = 500 amps.

The threshold point changes with the ampere value of the rating plug.

For ground fault time-current characteristics of LCLG, see Curve No. SC-3624-81A.
AB DE-ION Current Limit-R® Circuit Breakers
Types LCLA and LCLGA, 125-250 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type LCLA, LCLGA Breakers, 2 and 3 Poles

Circuit accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambients above +40°C refer to Cutler-Hammer.

Maximum Ac Volts
600, 50/60 Hertz

Breaker Ratings
Minimum Total Clearing Time
Maximum Total Clearing Time

Interrupting Rating (UL/CSA Listed)

<table>
<thead>
<tr>
<th>Amp</th>
<th>240 Volts</th>
<th>480 Volts</th>
<th>600 Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCLA, LCLGA</td>
<td>200,000</td>
<td>200,000</td>
<td>100,000</td>
</tr>
</tbody>
</table>

Rating Plugs Available

| Continuous Amp. | Optional Adjustable Rating Plug
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>125 Amp</td>
<td>250 Amp</td>
</tr>
<tr>
<td>225 Amp</td>
<td>250 Amp</td>
</tr>
<tr>
<td>200 Amp</td>
<td>175 Amp</td>
</tr>
<tr>
<td>175 Amp</td>
<td>150 Amp</td>
</tr>
<tr>
<td>150 Amp</td>
<td></td>
</tr>
<tr>
<td>125 Amp</td>
<td></td>
</tr>
</tbody>
</table>

Standard Fixed Rating Plug
Optional Adjustable Rating Plug

When adjustable rating plugs are used, short delay pickup settings track the selected position of the adjustable rating plug. For example, with an adjustable 250 amp rating plug set at 50% and the short delay pickup set at 4X, the short delay pickup is 250 X 50% X 4 = 500 amps.

The threshold point changes with the ampere value of the rating plug.

For ground fault time-current characteristics of LCLGA, see Curve No. SC-3906-86.
Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers

Catalog Type LCL, LCLG Breakers, 2 and 3 Poles

Circuit accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambients above +40°C refer to Cutler-Hammer.

Optional Adjustable Rating Plug

Standard Fixed Rating Plug

Current Limiting Threshold

Maximum Clearing Time

Minimum Total Clearing Time

Short Delay Pickup Settings

Expanded View in Current Limiting Area

Maximum Clearing Time at 240 Volts Ac

Maximum Clearing Time at 480 Volts Ac

Current Limiting

Threshold, \( \alpha \)

Rating Plugs Available

Continuous Amperes Range of Adjustment

200 Amp

200-400 Interrupting Rating (UL/CSA Listed)

Frame 200,000 200,000 100,000

Option 2000 3000 700 900

250 Amp

250-400

250,000 250,000 125,000

1000 1500 300 450

225 Amp

225-350

225,000 225,000 112,500

500 750 150 225

200 Amp

200-250

200,000 200,000 100,000

1000 1500 300 450

180 Amp

180-275

180,000 180,000 90,000

500 700 140 210

160 Amp

160-250

160,000 160,000 80,000

500 700 140 210

140 Amp

140-200

140,000 140,000 70,000

500 700 140 210

120 Amp

120-200

120,000 120,000 60,000

500 700 140 210

100 Amp

100-150

100,000 100,000 50,000

500 700 140 210

80 Amp

80-125

80,000 80,000 40,000

500 700 140 210

60 Amp

60-90

60,000 60,000 30,000

500 700 140 210

40 Amp

40-60

40,000 40,000 20,000

500 700 140 210

30 Amp

30-45

30,000 30,000 15,000

500 700 140 210

25 Amp

25-35

25,000 25,000 12,500

500 700 140 210

20 Amp

20-30

20,000 20,000 10,000

500 700 140 210

15 Amp

15-25

15,000 15,000 7,500

500 700 140 210

When adjustable rating plugs are used, short delay pickup settings track the selected position of the adjustable rating plug. For example, with an adjustable 400 amp rating plug set at 50% and the short delay pickup set at 4X, the short delay pickup is 400 X 50% X 4 = 800 amps.

The threshold point changes with the ampere value of the rating plug.

For ground fault time-current characteristics of LCLG, see Curve No. SC-3626-81A.
Type LCLA and LCLGA, 200-400 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Current Limit-R Circuit Breakers
Catalog Type LCLA, LCLGA Breakers, 2 and 3 Poles

Curve accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambients above +40°C refer to Cutler-Hammer.

Maximum Ac Volts
600, 50/60 Hertz

Breaker Ratings
Continuous Amperes | Short Delay Pickup Settings
200-400 | 2X to 8X rating plug value with calibration settings as shown on curve (Tol. ±10%)

Interrupting Rating (UL/CSA Listed)
Rated 240 Volts 480 Volts 600 Volts
LCLA, LCLGA | 200,000 200,000 100,000

Rating Plugs Available
Continuous Amperes Range of Adjustment
400 Amp | 50-100% Fixed 100%
350 Amp | 70-100% Fixed 100%
300 Amp | 70-100% Fixed 100%
275 Amp | 70-100% Fixed 100%
250 Amp | 70-100% Fixed 100%
225 Amp | 70-100% Fixed 100%

Optional Adjustable Rating Plug
Standard Fixed Rating Plug

When adjustable rating plugs are used, short delay pickup settings track the selected position of the adjustable rating plug. For example, with an adjustable 400 amp rating plug set at 50% and the short delay pickup set at 4X, the short delay pickup is 400 X 50% X 4 - 800 amps.

The threshold point changes with the amperes value of the rating plug.

For ground fault time-current characteristics of LCLGA, see Curve No. SC-3627-B1A.
Ground Fault Pick-up Curves for Types LCLG and LCLGA

Curve No. SC-3906-86A

Minimum Pick-Up \( \pm 20\% \)

Maximum Pick-Up \( \pm 20\% \)

Maximum Time \( \pm 20\% \)

Minimum Time \( \pm 20\% \)
AB DE-ION Tri-Pac® Circuit Breakers

Type FB, 15 Amperes, 2 and 3 Poles
Type FB, 20 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

AB DE-ION Tri Pac® Circuit Breakers

Catalog Type FB Circuit Breakers, 20 Amperes, 2 and 3 Poles, 480 Volts Ac Max., 250 Volts Dc.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes: Fixed Instantaneous Trip Amperes

Interrupting Rating (UL Listed)

<table>
<thead>
<tr>
<th>Breaker</th>
<th>Commercial RMS Amperes</th>
<th>On Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB Tri Pac</td>
<td>100,000</td>
<td>250,000</td>
</tr>
</tbody>
</table>

Single (1) pole test data at 23°C based on NEMA procedures for verifying performance of molded case circuit breakers.

October 1997
AB DE-ION Tri-Pac® Circuit Breakers

Type FB, 30 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

- Catalog Type FB Circuit Breakers, 30 Amperes, 2 and 3 Poles, 480 Volts Ac Max., 250 Volts Dc
- Application and coordination curves based on 40°C ambient and cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles
- Instantaneous Trip Rating in Amperes
- Interrupting Rating (UL Listed) Breaker
- Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers

Maximum Single Pole Trip Times at 25°C

Minimum
Type FB, 40 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type FB Circuit Breakers, 40 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 200 Volts Dc.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes Fixed Instantaneous Trip Amperes

Interruption Rating (UL Listed)

<table>
<thead>
<tr>
<th>Breaker Type</th>
<th>Commercial RMS Amperes</th>
<th>As Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FB Tri-Pac</td>
<td>250, 300, 400, 500</td>
<td>250, 300, 400, 500</td>
</tr>
</tbody>
</table>

Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.
AB DE-ION Tri-Pac® Circuit Breakers
Type FB, 50 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers
Catalog Type FB Circuit Breakers, 50 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes
Fixed Instantaneous Trip Ampères
1 CYCLE

Interrupting Rating (UL Listed)
Breaker
Frame
200,000
300,000
400,000
500,000
600,000
Single (1) pole test data at 20°C based on NEMA procedures for verifying performance of molded-case circuit breakers.

Note: Maximum Single Pole Trip Times at 25°C.

Limiter 100 RFP00

Current in Amperes
Time in Seconds
1 CYCLE
1,000
500
300
200
5,000
3,000
2,000
1 HOUR
1 MINUTE
2 HOURS
10,000
8,000
6,000
5,000
9,000
7,000
5,000
4,000
3,000
2,000
100
80
60
90
70
50
40
30
20
10
8
6
9
7
5
4
3
2
1
0.5
0.3
0.2
0.1
0.05
0.03
0.02
0.01
0.005
0.003
0.002
0.001
1,000
500
300
200
5,000
3,000
2,000
1 HOUR
1 MINUTE
2 HOURS
10,000
8,000
6,000
9,000
7,000
5,000
4,000
3,000
2,000
100
80
60
90
70
50
40
30
20
10
8
6
9
7
5
4
3
2
1
0.5
0.3
0.2
0.1
0.05
0.03
0.02
0.01
0.005
0.003
0.002
0.001

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29-167C
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Curve No. SC-3576-76A
October 1997
Type FB, 70 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves
Tri-Pac Circuit Breakers

Catalog Type FB Circuit Breakers, 70 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all pole.

Instantaneous Trip Rating in Amperes: Fixed Instantaneous Trip Ampere

Limit: 100 FBP06

AB DE-ION Tri Pac® Circuit Breakers

October 1997
AB DE-ION Tri-Pac® Circuit Breakers
Type FB, 90 Amperes, 2 and 3 Poles
Type FB, 100 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

**Tri-Pac Circuit Breakers**

Catalog Type FB Circuit Breakers, 100 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip

Rating in Amperes: Fixed Instantaneous Trip Amperes

100

100,000

100,000

80,000

80,000

60,000

60,000

90,000

90,000

70,000

70,000

50,000

50,000

40,000

40,000

30,000

30,000

20,000

20,000

10,000

10,000

8,000

8,000

6,000

6,000

9,000

9,000

7,000

7,000

5,000

5,000

4,000

4,000

3,000

3,000

2,000

2,000

1,000

1,000

80

80

60

60

90

90

70

70

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.5

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.2

.1

.1

.05

.05

.03

.03

.02

.02

.01

.01

.005

.005

.003

.003

.002

.002

.001

.001

1 CYCLE

1 CYCLE

1,000

1,000

500

500

300

300

200

200

100

100

80

80

60

60

90

90

70

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.01

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.005

.003

.003

.002

.002

.001

.001

1 HOUR

1 HOUR

1 MINUTE

1 MINUTE

2 HOURS

2 HOURS

10,000

10,000

8000

8000

6000

6000

9000

9000

7000

7000

5000

5000

4000

4000

3000

3000

2000

2000

1000

1000

800

800

600

600

900

900

700

700

500

500

400

400

300

300

200

200

100

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.005

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.003

.003

.002

.002

.001

.001

1 CYCLE

1 CYCLE

1,000

1,000

500

500

300

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200

200

100

100

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.02

.01

.01

.005

.005

.003

.003

.002

.002

.001

.001

1 CYCLE

1 CYCLE
AB DE-ION Tri-Pac® Circuit Breakers
Type LA, 70 Amperes, 2 and 3 Poles

<table>
<thead>
<tr>
<th>Symmetrical RMS Amperes</th>
<th>240 Volts</th>
<th>480 Volts</th>
<th>600 Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>200,000</td>
<td>100,000</td>
<td>80,000</td>
<td>60,000</td>
</tr>
<tr>
<td>200,000</td>
<td>100,000</td>
<td>80,000</td>
<td>60,000</td>
</tr>
<tr>
<td>200,000</td>
<td>100,000</td>
<td>80,000</td>
<td>60,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Adjustable Instantaneous Trip Amps</th>
<th>0.05</th>
<th>0.1</th>
<th>0.2</th>
<th>0.3</th>
<th>0.5</th>
<th>1.0</th>
<th>1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>90</td>
<td>70</td>
<td>50</td>
<td>40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
<th>Limit 300 LAP08</th>
<th>Limit 400 LAP10</th>
</tr>
</thead>
<tbody>
<tr>
<td>LO</td>
<td>HI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Circuit Breaker Time/Current Curves
Tri-Pac Circuit Breakers
Catalog Type LA Circuit Breakers, 70 Amperes, 2 and 3 Poles,
600 Volt Ac Max., 250 Volt Dc
Application and coordination curves based on 40°C ambient
cold start, connected with four (4) feet of 60°C rated wire
size and tested in open air with current in all poles.

<table>
<thead>
<tr>
<th>Interrupting Rating (UL Listed)</th>
<th>Breaker</th>
<th>Symmetrical RMS Amperes</th>
<th>Dr. Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100,000</td>
<td>80,000</td>
<td>60,000</td>
</tr>
<tr>
<td></td>
<td>100,000</td>
<td>80,000</td>
<td>60,000</td>
</tr>
</tbody>
</table>

Single 1) pole test data at 20°C based on NEMA procedure for
verifying performance of molded case circuit breakers.
AB DE-ION Tri Pac® Circuit Breakers

Type LA, 90 Amperes, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 60°C rated wire size and tested in open air with current in all poles.

Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.
AB DE-ION Tri-Pac® Circuit Breakers

Type LA, 100 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type LA Circuit Breakers, 100 Amperes, 2 and 3 Poles, 600 Volt Ac Max., 250 Volt Dc

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip

Adjustable Instantaneous Trip Ampere

Limit 200 LAP08

Limit 400 LAP10

Current in Amperes

Time in Seconds

Current in Amperes

Time in Seconds

Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.
Type LA, 125 Amperes, 2 and 3 Poles

**Circuit Breaker Time/Current Curves**

**Tri-Pac Circuit Breakers**

Catalog Type LA Circuit Breakers, 125 Amperes, 2 and 3 Poles, 480 Volts Ac Max., 250 Volts Dc.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes:

<table>
<thead>
<tr>
<th>Current Range</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-1250</td>
<td>125</td>
<td>500</td>
</tr>
</tbody>
</table>

Interrupting Rating (UL Listed):

<table>
<thead>
<tr>
<th>Breaker</th>
<th>Commercial RMS Amperes</th>
<th>DC Amperes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA Tri-Pac</td>
<td>1250, 480</td>
<td>250, 480</td>
</tr>
</tbody>
</table>

Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.

October 1997

Curve No. SC-3583-76A
AB DE-ION Tri-Pac® Circuit Breakers

Type LA, 150 Amperes, 2 and 3 Poles
Type LA, 175 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers
Catalog Type LA Circuit Breakers, 175 Amperes, 2 and 3 Poles, 480 Volts Ac Max., 250 Volts Dc
Application and coordination curves based on 60°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Rating in Amperes: Adjustable Instantaneous Trip-Amperes
175 300-1000

Interrupting Rating (UL Listed)
Breaker Interpolated RMS Amperes DC Amperes
240 volts 480 volts 600 volts 250 volts
LA Tri-Pac 300-000 300-000 300-000 300-000

Single (1) pole test data at 25°C based on NEMA procedure for verifying performance of molded case circuit breakers.
AB DE-ION Tri-Pac® Circuit Breakers
Type LA, 200 Amperes, 2 and 3 Poles

Catalog Type LA Circuit Breakers, 200 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc
Application and coordination curves based on 40° C ambient cold start, connected with four (4) feet of 75° C rated wire size and tested in open air with current in all poles.

Single (1) pole test data at 25° C based on NEMA procedures for verifying performance of molded case circuit breakers.
AB DE-ION Tri Pac® Circuit Breakers

Type LA, 225 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers
Catalog Type LA Circuit Breakers, 225 Amperes, 2 and 3 Poles, 480 Volts Ac Max., 250 Volts Dc
Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Rating in Amperes: Adjustable Instantaneous Trip-Amperes
225
40
30
20
10
5
3
2
1
.5
.3
.2
.1
.05
.03
.02
.01
.005
.003
.002
.001
.0005

Interrupting Rating (UL Listed)
Breaker
250 Amps
225 Amps
200 Amps
175 Amps
150 Amps
125 Amps
100 Amps
80 Amps
60 Amps
40 Amps
30 Amps
20 Amps
10 Amps

Maximum Single Pole Trip Times at 25°C:

Maximum
Minimum

Maximum Single Pole Trip Times at 25°C:

Circuit No. SC-3587-76A

October 1997
AB DE-ION Tri-Pac® Circuit Breakers
Type LA, 250 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers
Catalog Type LA Circuit Breaker, 250 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc
Application and coordination curves based on 60°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Adjustable Instantaneous Trip Amperes

Interrupting Rating (UL Listed)
Breaking Capacity at MVA Amperes (D) Amperes

- Single (1) pole test data at 25°C based on NEMA procedure for verifying performance of molded case circuit breakers.
Type LA, 300 Amperes, 2 and 3 Poles

AB DE-ION Tri Pac® Circuit Breakers

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type LA Circuit Breakers, 300 Amperes, 2 and 3 Poles, 600 Volts Ac Max., 250 Volts Dc

Application and coordination curve based on 60°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes

Adjustable Instantaneous Trip Amperes

300

1000-3000

Interrupting Rating (UL Listed)

Brother

Commercial/Industrial Amperes

UL Amperes

250 Volts

480 Volts

600 Volts

LA Tri-Pac

Single (1) pole test data at 25°C based on NEMA procedure for verifying performance of molded case circuit breakers.

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Curve No. SC-3589-76A
AB DE-ION Tri-Pac® Circuit Breakers

Type LA, 350 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type LA Circuit Breakers, 350 Amperes, 2 and 3 Poles

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip

Adjustable Instantaneous Trip Amperes

1 Cycle

Interlocking Rating (UL Listed)

Breaker

Interrupting Rating (UL Listed)

Type

Single (1) pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.

October 1997
Type LA, 400 Amperes, 2 and 3 Poles
AB DE-ION Tri-Pac® Circuit Breakers

Type NB, 300 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type NB Circuit Breakers, 300 Amperes, 2 and 3 Poles, 600 Volt Ac Max., 208 Volt Dc

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Maximum Single Pole Trip Times at 25°C.

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.

Adjustable Instantaneous Trip Amperes

1500-3000

Symmetrical RMS Amperes

240 Volts

200,000

480 Volts

200,000

600 Volts

200,000

Dc Amperes

250 Volts

10,000
Type NB, 350 Amperes, 2 and 3 Poles

AB DE-ION Tri Pac® Circuit Breakers

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

1. For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.
AB DE-ION Tri-Pac® Circuit Breakers

Type NB, 400 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Catalog Type NB Circuit Breakers, 400 Amperes, 2 and 3 Poles, 600 Volt Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip

Rating in Amperes

Maximum

Minimum

Maximum Single-Pole Trip Times at 25°C

Limiter 500 NBP12

Limiter 800 NBP20

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.
Type NB, 500 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type NB Circuit Breakers, 500 Amperes, 2 and 3 Poles, 600 Volts Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes

<table>
<thead>
<tr>
<th>Limiter 500 NBP12</th>
<th>Limiter 800 NBP20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Single Pole Trip Times at 25°C</td>
<td></td>
</tr>
</tbody>
</table>

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curves.
AB DE-ION Tri-Pac® Circuit Breakers

Type NB, 600 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type NB Circuit Breakers, 600 Amperes, 2 and 3 Poles, 600 Volt Ac Max.

Application and coordination curves based on 40°F ambient cold start, connected with four (4) feet of 75°F rated wire size and tested in open air with current in all poles.

Instantaneous Trip

Rating in Amperes

Minimum

Maximum

Adjustable Instantaneous Trip Amperes

Interrupting Rating (UL Listed)

Breaker Interruption at 600 Volts AC

Maximum Single Pole Trip Times at 20°C.

For single pole tests use dummy fuses or bypass the Tri-Pac fuses otherwise results may not agree with curve.

Curve No. SC-3596-76B

October 1997
Type NB, 700 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

AB DE-ION Tri Pac® Circuit Breakers

Catalog Type NB Circuit Breakers, 700 Amperes, 2 and 3 Poles, 600 Volts Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Adjustable Instantaneous Trip Amperes
700 - 3000 - 6000

Interrupting Rating (UL Listed)
Breaker Interrupted RMS Amperes
1200 Volts 240 Volts 480 Volts 600 Volts

NB Tri-Pac 3000 - 6000 - 3000 - 3000

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curves.
AB DE-ION Tri-Pac® Circuit Breakers
Type NB, 800 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Catalog Type NB Circuit Breakers, 800 Amperes, 2 and 3 Poles, 600 Volt Ac Max.
Application and coordination curves based on 60°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Rating in Amperes
Adjustable Instantaneous Trip Amperes
800
1,000-2,000
Interrupting Rating (UL Listed)
Breaker
Rating in MVAs
2000 Volts
600 Volts
600 Volts
900 Volts
1100 Volts
1900 Volts

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.
AB DE-ION Tri Pac® Circuit Breakers

Type PB, 600 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type PB Circuit Breakers, 600 Amperes, 2 and 3 Poles, 600 Volts Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Interruption Trip Rating (UL Listed)

Maximum Instantaneous Trip Amperes

Symmetrical RMS Amperes

240 Volts 200,000

480 Volts 200,000

600 Volts 200,000

Adjustable Instantaneous Trip Amperes

1500-5000

Limiter 1000 PBPR20

Limiter 1600 PBPR30

Maximum Single Pole Trip Times at 25°C

For single pole tests use dummy fuses or bypass the Tri-Pac breaker; otherwise, results may not agree with curves.

Current in Amperes

10,000 8000 6000 9000 7000 5000 4000 3000 2000 1000 800 600 900 700 500 400 300 200 100 80 60 90 70 50 40 30 20 10 8 6 9 7 5 Current in Amperes

1,000 500 300 200 5,000 3,000 2,000 1 HOUR 1 MINUTE 2 HOURS

Time in Seconds

100 50 30 20 10 5 3 2 1 0.5 0.3 0.2 0.1 0.05 0.03 0.02 0.01 0.005 0.003 0.002 0.001 0.0005 1 CYCLE

AB DE-ION Tri Pac® Circuit Breakers

October 1997
AB DE-ION Tri-Pac® Circuit Breakers

Type PB, 800 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers
Catalog Type PB Circuit Breakers, 800 Amperes, 2 and 3 Poles, 600 Volts AC Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip
Rating in Amperes
Adjustable Instantaneous Trip Amperes
1000-5000

Interrupting Rating (UL Listed)
Breaker
Maximum Interrupting Rating (Amps)
600-3000 Amperes
400-2000 Amperes
200-1000 Amperes
200-0 Amperes

For single pole tests use dummy fuses or bypass the Tri-Pac fuse, otherwise, results may not agree with curve.

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Curve No. SC-3600-76B
Type PB, 1000 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type PB Circuit Breakers, 1000 Amperes, 2 and 3 Poles, 600 Volts Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 70°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes: Adjustable Instantaneous Trip-Amperes 1000

Interrupting Rating (UL Listed)

Limiter 1000 PBPR20

Maximum Single Pole Trip Times at 25°C:

For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.

Circuit Breaker Time/Current Curves

Curve No. SC-3601-76B
AB DE-ION Tri-Pac® Circuit Breakers

Type PB, 1200 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

- Catalog Type PB Circuit Breakers, 1200 Amperes, 2 and 3 Poles, 600 Volts Ac Max.
- Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.
- Instantaneous Trip
  - Adjustable Instantaneous Trip Amperes
  - 200
  - 1000-2000
- Interrupting Rating (UL Listed)
  - Breaker
    - Circuit Breaker (250 AC, 300 DC)
    - 250-400 A, 400-500 A, 500-600 A
  - 3-Pole
    - 250-400 A, 400-500 A, 500-600 A
- For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curves.

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Type PB, 1400 Amperes, 2 and 3 Poles

Circuit Breaker Time/Current Curves

Tri-Pac Circuit Breakers

Catalog Type PB Circuit Breakers, 1400 Amperes, 2 and 3 Poles, 600 Volts Ac Max.

Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.

Instantaneous Trip Rating in Amperes Adjustable Instantaneous Trip Amperes 1400 1200-1900

Interrupting Rating (UL Listed)

Limiter 1600 PBPR30

Maximum Single Pole Trip Times at 25°C

Note: For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curves.
**AB DE-ION Tri-Pac® Circuit Breakers**  
Type PB, 1600 Amperes, 2 and 3 Poles

Diagram: Circuit Breaker Time/Current Curves

- **Tri-Pac Circuit Breakers**
  - Catalog Type PB Circuit Breakers, 1600 Amperes, 2 and 3 Poles, 480 Volt Ac Max.
  - Application and coordination curves based on 40°C ambient cold start, connected with four (4) feet of 75°C rated wire size and tested in open air with current in all poles.
  - Minimum and Maximum Single Pole Trip Times at 25°C

- **Instantaneous Trip**
  - Adjustable Instantaneous Trip Amperes
  - For single pole tests use dummy fuses or bypass the Tri-Pac fuses; otherwise, results may not agree with curve.