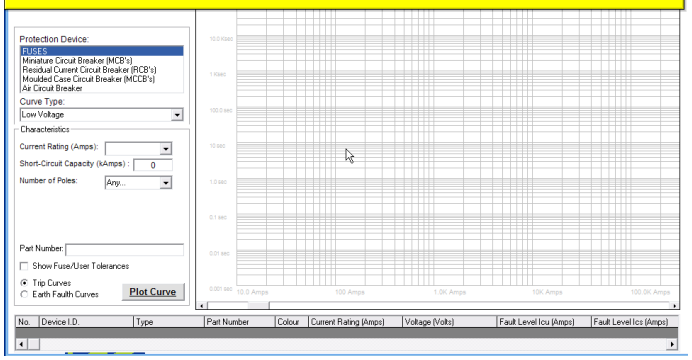
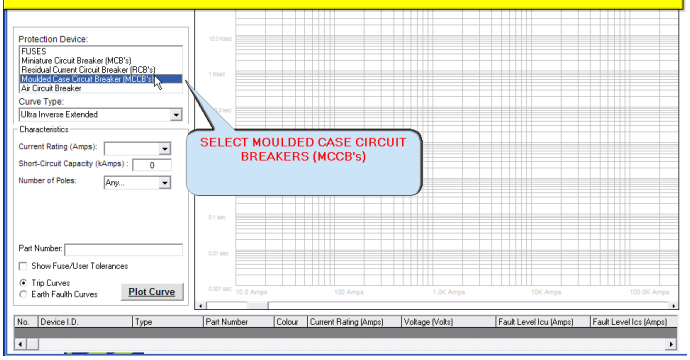
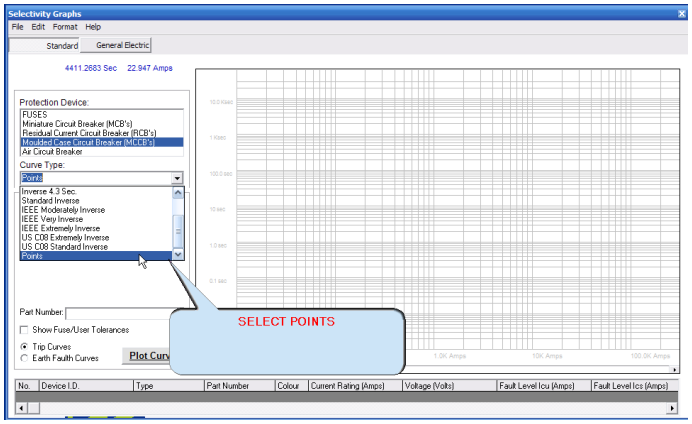
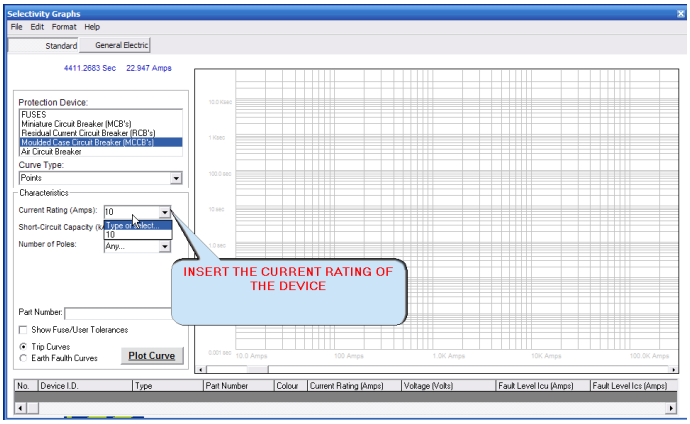
TO PLOT A CURVE FROM A CHART

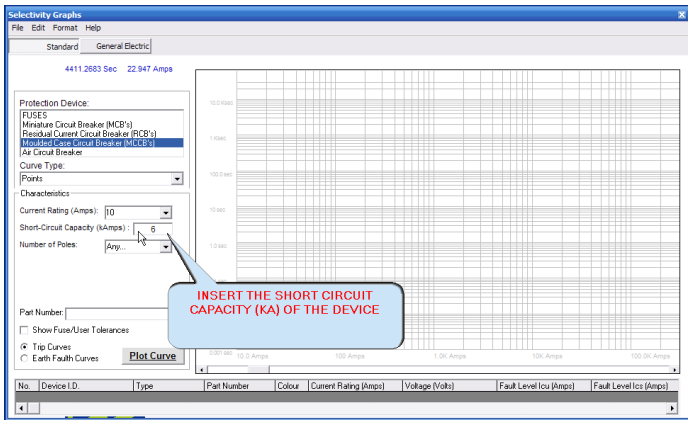


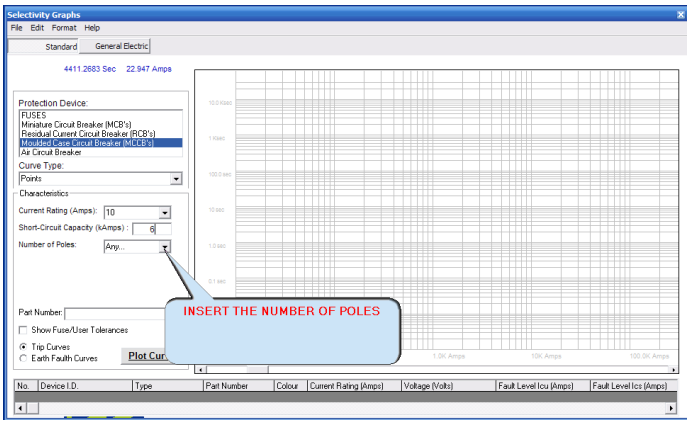
TO PLOT A CURVE FROM A CHART

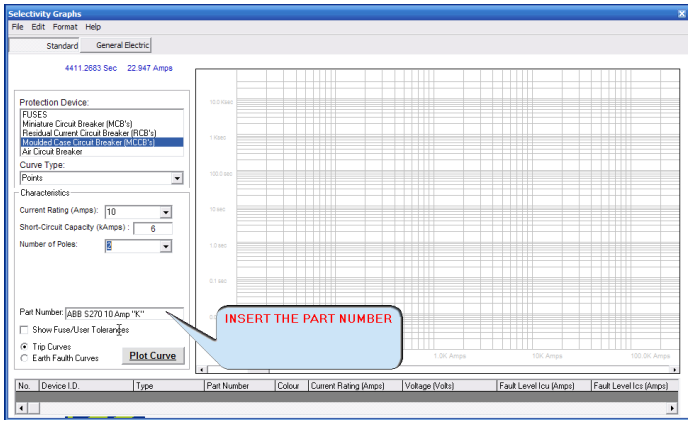


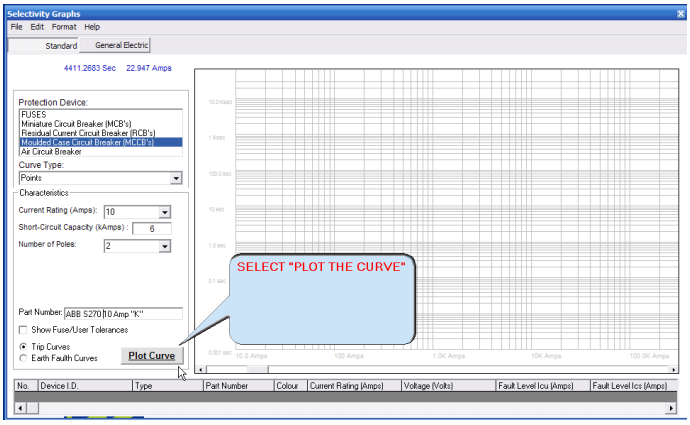


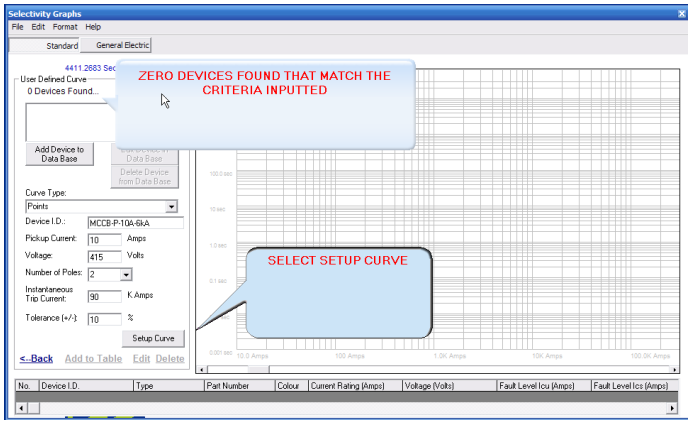


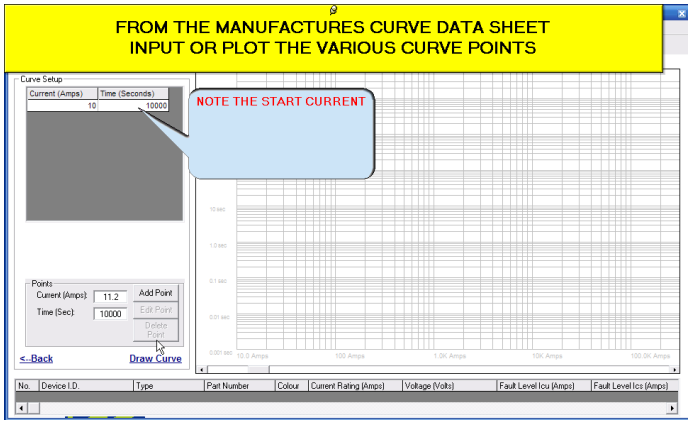


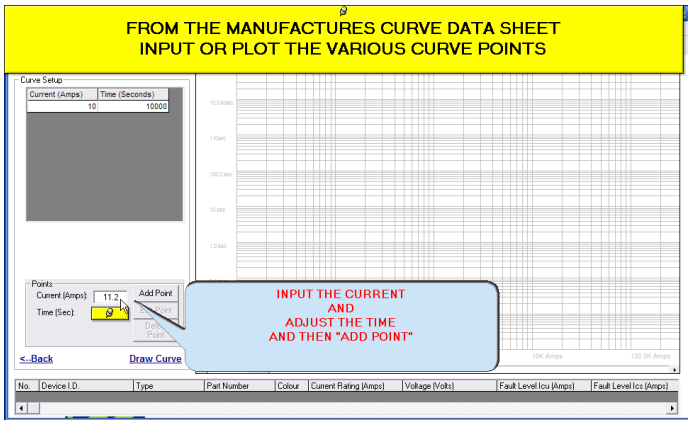


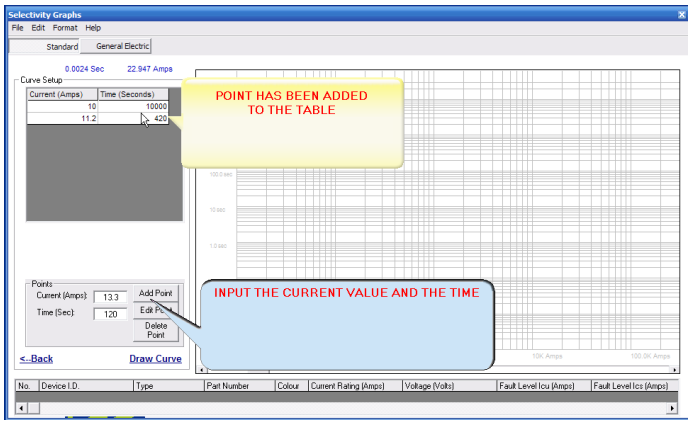


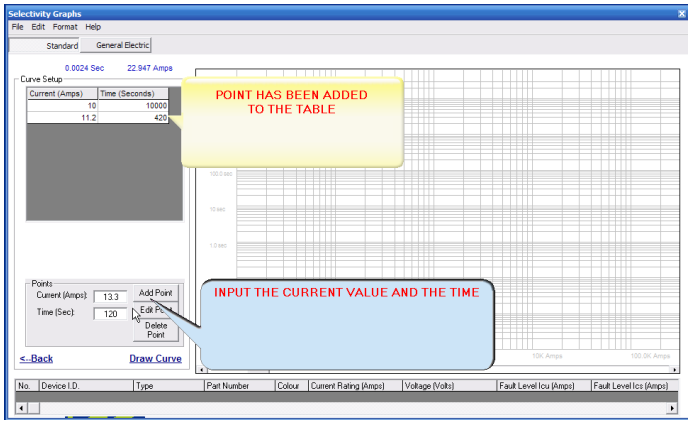


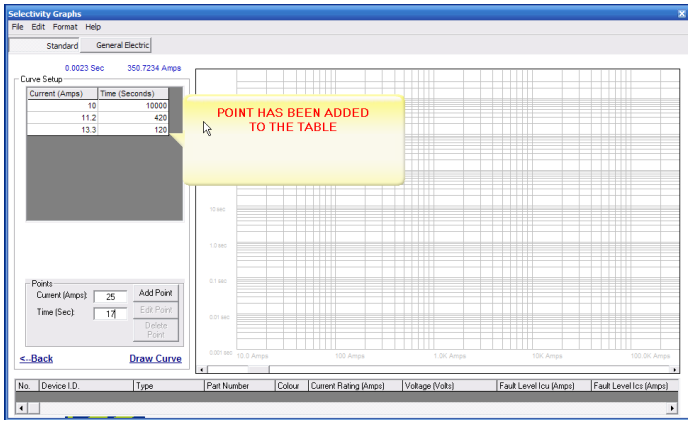

Selectivity Graphs
File Edit Format Help
Standard
General Electric
User Defined Curve
0 Devices Found...
ZERO DEVICES FOUND THAT MATCH THE CRITERIA INPUTTED
Add Device to Data Base
Delete Device from Data Base
Curve Type:
Points
Device I.D.:
MCCB-P-10A-6kA
Pickup Current:
10
Amps
Voltage:
415
Volts
Number of Poles:
2
Instantaneous Trip Current:
90
K Amps
Tolerance (+/-):
10
%
Setup Curve
SELECT SETUP CURVE
<-Back
Add to Table
Edit
Delete
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

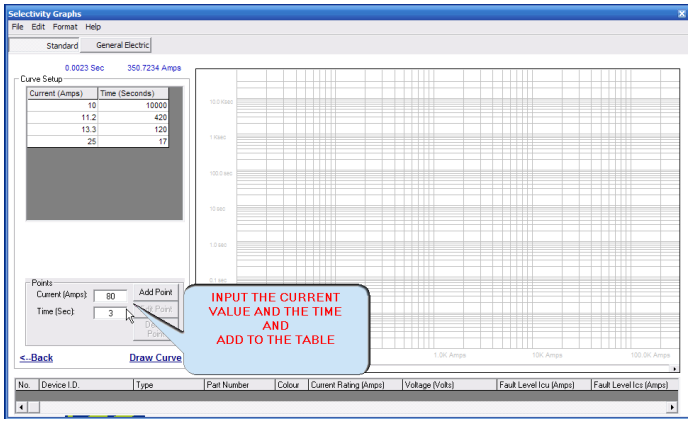

FROM THE MANUFACTURES CURVE DATA SHEET
INPUT OR PLOT THE VARIOUS CURVE POINTS
Curve Setup
Current (Amps)
Time (Seconds)
10
10000
NOTE THE START CURRENT
Points
Current (Amps):
11.2
Time (Sec):
10000
Add Point
Edit Point
Delete Point
<-Back
Draw Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

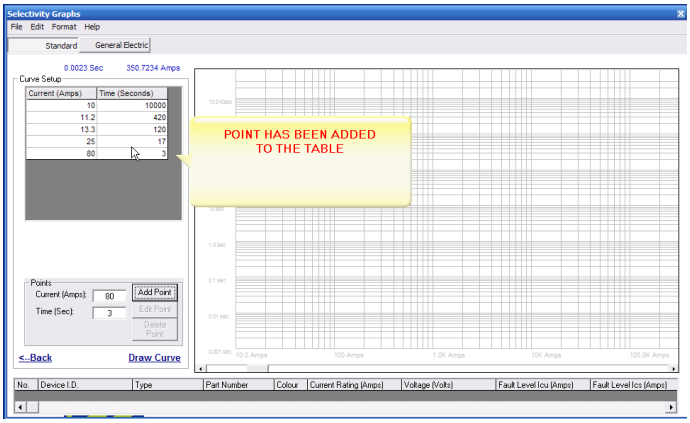

FROM THE MANUFACTURES CURVE DATA SHEET
INPUT OR PLOT THE VARIOUS CURVE POINTS
Curve Setup
Current (Amps)
Time (Seconds)
10
10000
Points
Current (Amps):
11.2
Time (Sec):
Add Point
INPUT THE CURRENT
AND
ADJUST THE TIME
AND THEN "ADD POINT"
<-Back
Draw Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

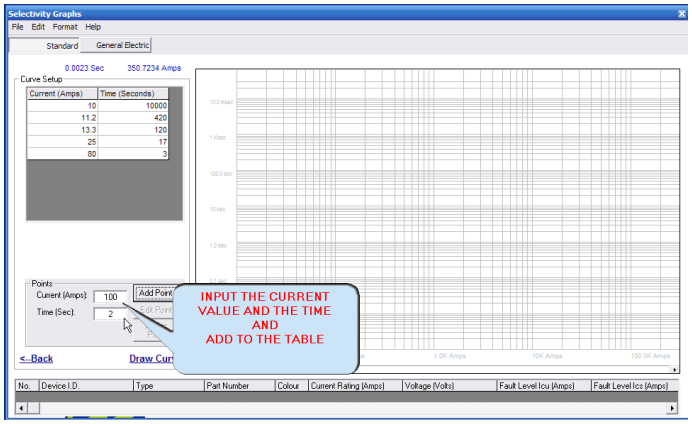

Selectivity Graphs
File Edit Format Help
Standard
General Electric
0.0024 Sec
22.947 Amps
Curve Setup
Current (Amps)
Time (Seconds)
10
10000
11.2
420
POINT HAS BEEN ADDED
TO THE TABLE
Points
Current (Amps):
13.3
Time (Sec):
120
Add Point
Delete Point
INPUT THE CURRENT VALUE AND THE TIME
<-Back
Draw Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

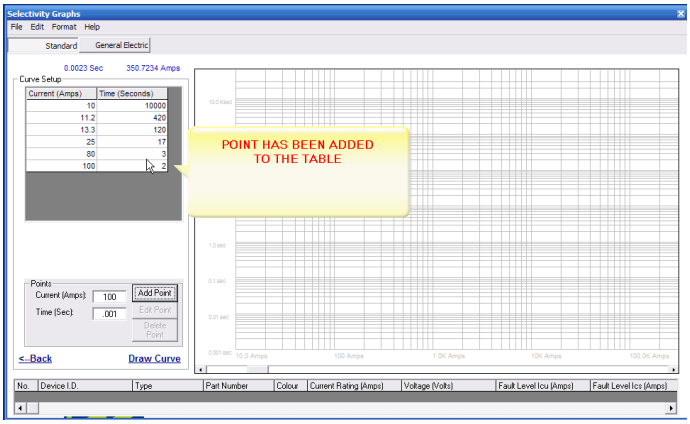

Selectivity Graphs
File Edit Format Help
Standard
General Electric
0.0024 Sec
22.947 Amps
Curve Setup
Current (Amps)
Time (Seconds)
10
10000
11.2
420
POINT HAS BEEN ADDED
TO THE TABLE
Points
Current (Amps):
13.3
Time (Sec):
120
Add Point
Delete Point
INPUT THE CURRENT VALUE AND THE TIME
<-Back
Draw Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

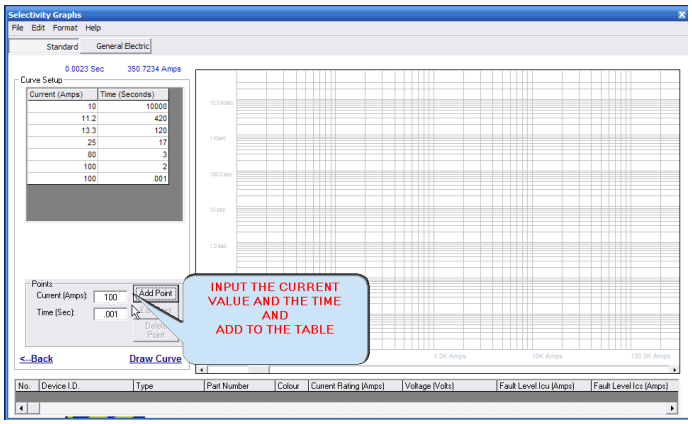

Selectivity Graphs
File Edit Format Help
Standard
General Electric
0.0023 Sec
350.7234 Amps
Curve Setup
Current (Amps)
Time (Seconds)
10
10000
11.2
420
13.3
120
POINT HAS BEEN ADDED
TO THE TABLE
Points
Current (Amps):
25
Time (Sec):
17
Add Point
Edit Point
Delete Point
<-Back
Draw Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)

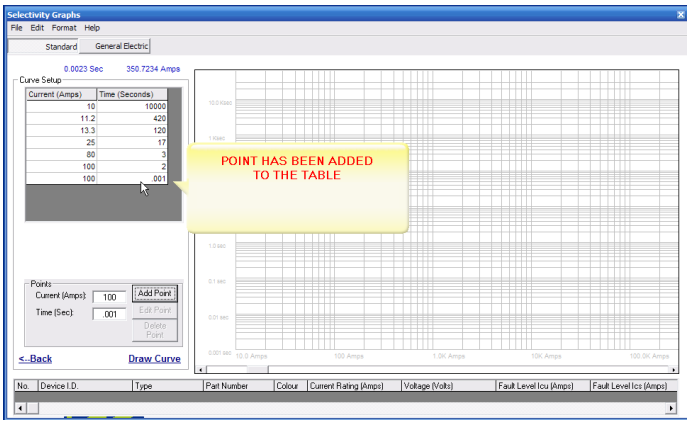

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
Points
Current (Amps): 80
Time (Sec): 3
Add Point
INPUT THE CURRENT VALUE AND THE TIME AND ADD TO THE TABLE
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

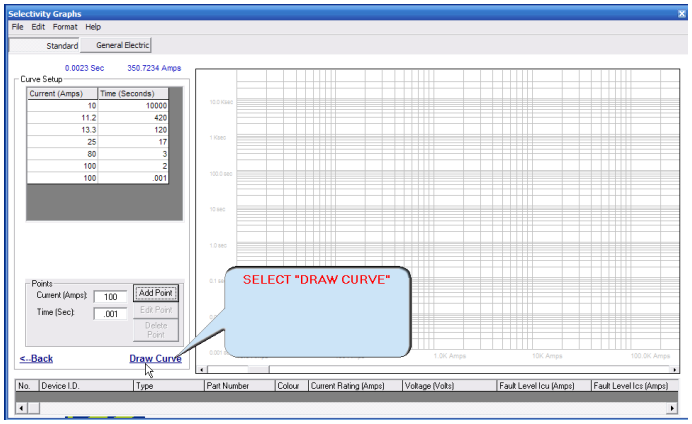

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
POINT HAS BEEN ADDED TO THE TABLE
Points
Current (Amps): 80
Time (Sec): 3
Add Point
Edit Point
Delete Point
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

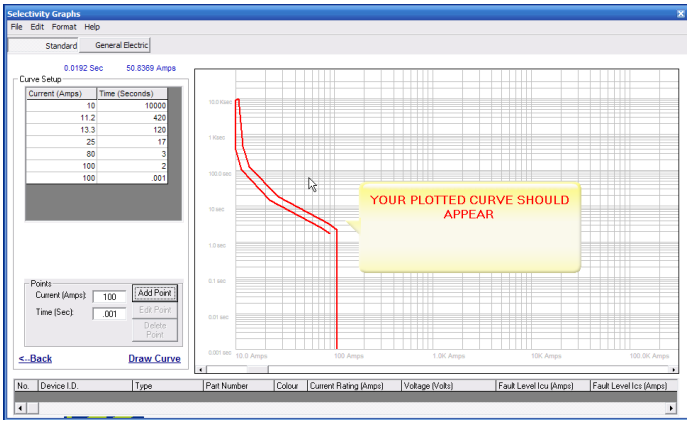

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
Points
Current (Amps): 100
Time (Sec): 2
Add Point
INPUT THE CURRENT VALUE AND THE TIME AND ADD TO THE TABLE
<--Back
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

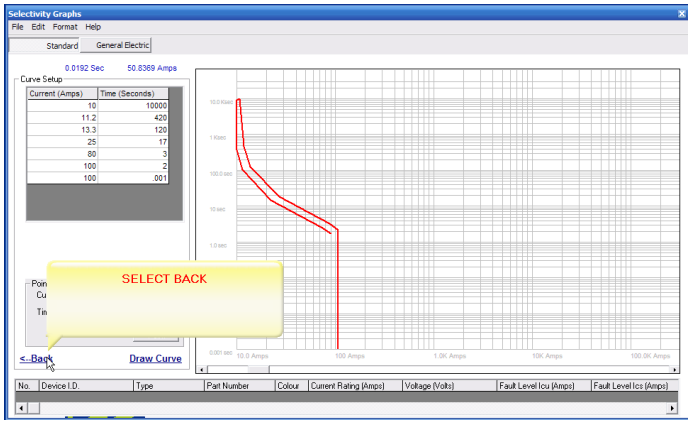

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
POINT HAS BEEN ADDED TO THE TABLE
Points
Current (Amps): 100
Time (Sec): .001
Add Point
Edit Point
Delete Point
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

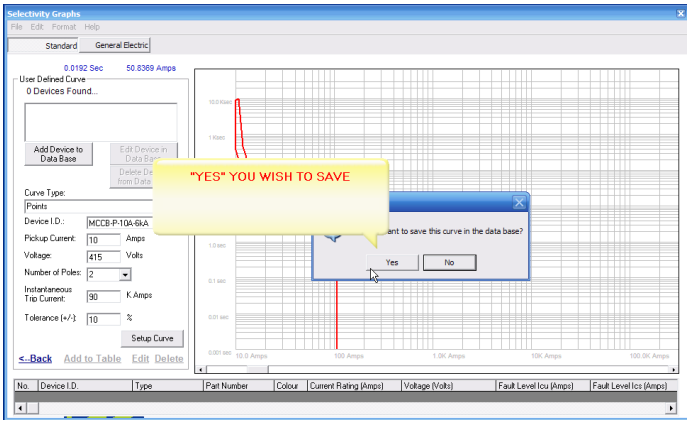

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
100 .001
Points
Current (Amps): 100
Time (Sec): .001
Add Point
INPUT THE CURRENT VALUE AND THE TIME AND ADD TO THE TABLE
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

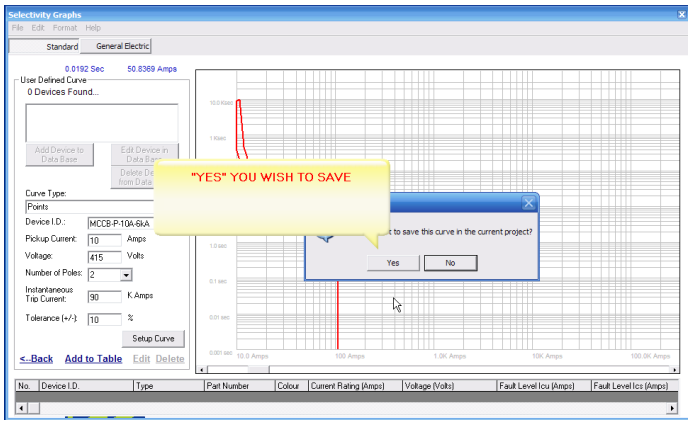

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
100 .001
POINT HAS BEEN ADDED TO THE TABLE
Points
Current (Amps): 100
Time (Sec): .001
Add Point
Edit Point
Delete Point
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

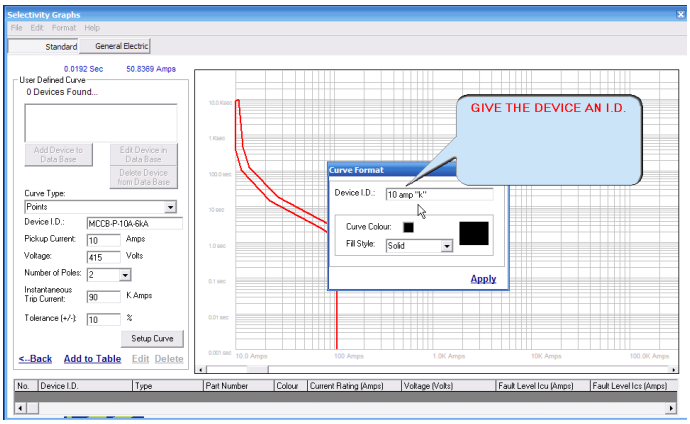

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0023 Sec 350.7234 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
100 .001
Points
Current (Amps): 100
Time (Sec): .001
Add Point
Edit Point
Delete Point
SELECT "DRAW CURVE"
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

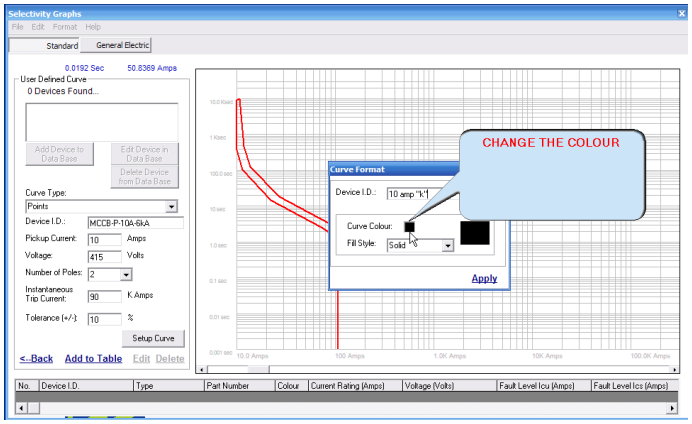

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
100 .001
YOUR PLOTTED CURVE SHOULD APPEAR
Points
Current (Amps): 100
Time (Sec): .001
Add Point
Edit Point
Delete Point
<--Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

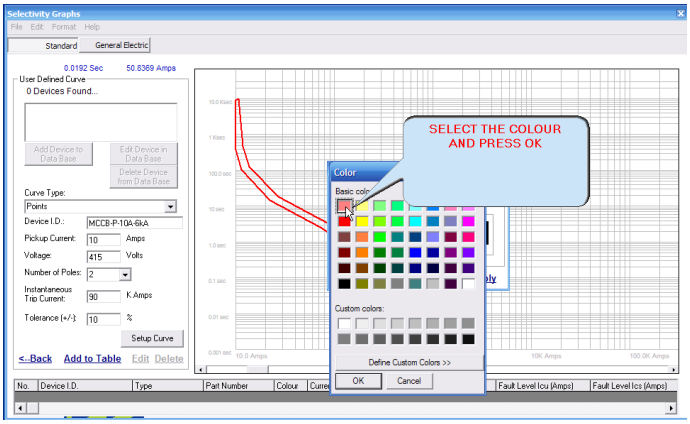

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
Curve Setup
Current (Amps) Time (Seconds)
10 10000
11.2 420
13.3 120
25 17
80 3
100 2
100 .001
SELECT BACK
<-Back
Draw Curve
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

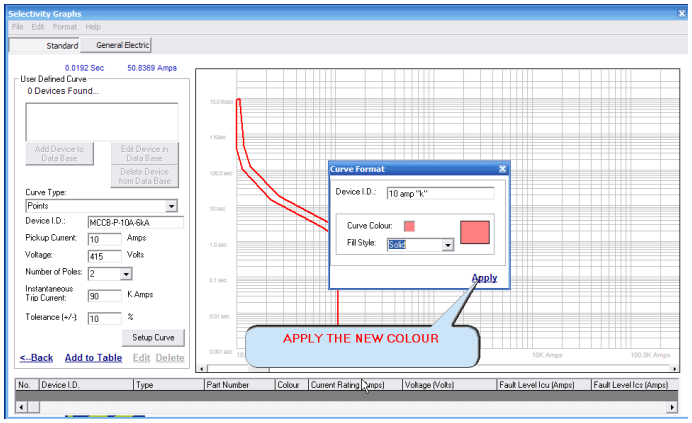

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
User Defined Curve
0 Devices Found...
Add Device to Data Base
Curve Type:
Points
Device I.D.: MCCB-P-10A-6kA
Pickup Current: 10 Amps
Voltage: 415 Volts
Number of Poles: 2
Instantaneous Trip Current: 90 K Amps
Tolerance (+/-): 10 %
Setup Curve
"YES" YOU WISH TO SAVE
Yes
No
<-Back
Add to Table
Edit
Delete
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

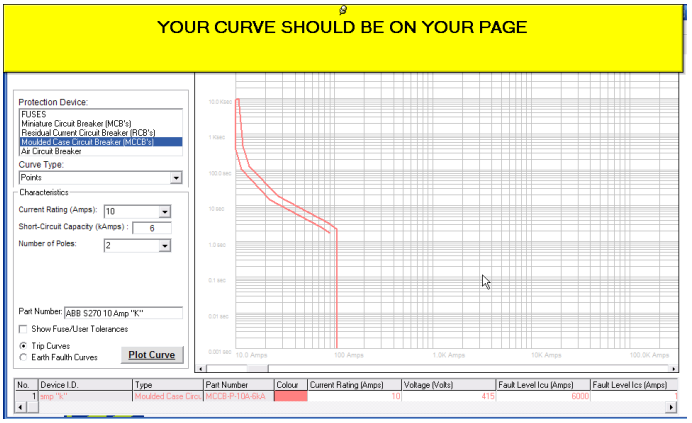

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
User Defined Curve
0 Devices Found...
Curve Type:
Points
Device I.D.: MCCB-P-10A-6kA
Pickup Current: 10 Amps
Voltage: 415 Volts
Number of Poles: 2
Instantaneous Trip Current: 90 K Amps
Tolerance (+/-): 10 %
Setup Curve
"YES" YOU WISH TO SAVE
Yes
No
<-Back
Add to Table
Edit
Delete
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)

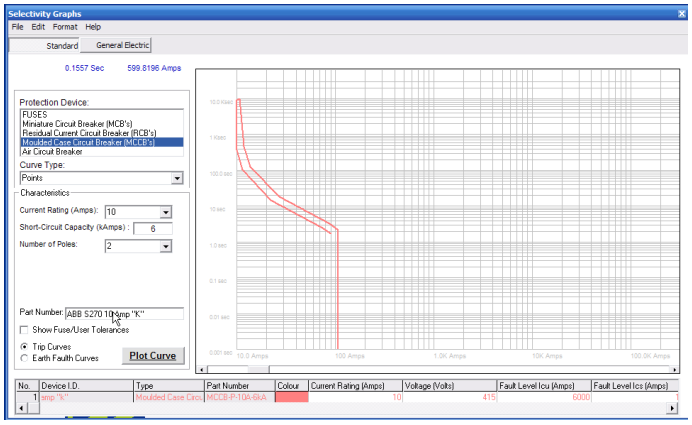

Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
User Defined Curve
0 Devices Found...
Curve Type:
Points
Device I.D.: MCCB-P-10A-6kA
Pickup Current: 10 Amps
Voltage: 415 Volts
Number of Poles: 2
Instantaneous Trip Current: 90 K Amps
Tolerance (+/-): 10 %
Setup Curve
GIVE THE DEVICE AN I.D.
Curve Format
Device I.D.: 10 amp "k"
Curve Colour:
Fill Style: Solid
Apply
<-Back
Add to Table
Edit
Delete
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)


Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
User Defined Curve
0 Devices Found...
Curve Type:
Points
Device I.D.: MCCB-P-10A-6kA
Pickup Current: 10 Amps
Voltage: 415 Volts
Number of Poles: 2
Instantaneous Trip Current: 90 K Amps
Tolerance (+/-): 10 %
Setup Curve
CHANGE THE COLOUR
Curve Format
Device I.D.: 10 amp "k"
Curve Colour:
Fill Style: Solid
Apply
<-Back
Add to Table
Edit
Delete
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)


Selectivity Graphs
File Edit Format Help
Standard General Electric
0.0192 Sec 50.8369 Amps
User Defined Curve
0 Devices Found...
Curve Type:
Points
Device I.D.: MCCB-P-10A-6kA
Pickup Current: 10 Amps
Voltage: 415 Volts
Number of Poles: 2
Instantaneous Trip Current: 90 K Amps
Tolerance (+/-): 10 %
Setup Curve
SELECT THE COLOUR AND PRESS OK
Color
Basic colors:
Custom colors:
Define Custom Colors >>
OK
Cancel
<-Back
Add to Table
Edit
Delete
No. Device I.D. Type Part Number Colour Current Rating (Amps) Voltage (Volts) Fault Level Icu (Amps) Fault Level Ics (Amps)


Selectivity Graphs
File Edit Format Help
Standard
General Electric
0.0192 Sec
50.8369 Amps
User Defined Curve
0 Devices Found...
Add Device to Data Base
Edit Device in Data Base
Delete Device from Data Base
Curve Type:
Points
Device I.D.:
MCCB-P-10A-6kA
Pickup Current:
10
Amps
Voltage:
415
Volts
Number of Poles:
2
Instantaneous Trip Current:
90
K Amps
Tolerance (+/-):
10
%
Setup Curve
<--Back
Add to Table
Edit
Delete
Curve Format
Device I.D.:
10 amp "k"
Curve Colour:
Fill Style:
Solid
Apply
APPLY THE NEW COLOUR
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)


YOUR CURVE SHOULD BE ON YOUR PAGE
Protection Device:
FUSES
Miniature Circuit Breaker (MCB's)
Residual Current Circuit Breaker (RCB's)
Moulded Case Circuit Breaker (MCCB's)
Air Circuit Breaker
Curve Type:
Points
Characteristics
Current Rating (Amps):
10
Short-Circuit Capacity (kAmps) :
6
Number of Poles:
2
Part Number:
ABB S270 10 Amp "K"
Show Fuse/User Tolerances
Trip Curves
Earth Fault Curves
Plot Curve
No.
Device I.D.
Type
Part Number
Colour
Current Rating (Amps)
Voltage (Volts)
Fault Level Icu (Amps)
Fault Level Ics (Amps)


Selectivity Graphs
File Edit Format Help
Standard
General Electric
0.1557 Sec
599.8196 Amps
Protection Device:
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Fault Level Ics (Amps)