

### INPUTS

Voltage: 230.00 Volts

### RESULTS

**Current: 150.00 Amps**

Volts Drop: 0.0 %

Impedance: 0.00 Ohms

**Minimum Trip Current: 150 Amps**

**Actual Earth Loop Impedance: 0.28 Ohms**

**Maximum Permissible Earth Loop Impedance: 1.53 Ohms**

Details:

**Method Selected: 0.4 Sec**

### INPUTS

Protection Circuit: C.B. Type C 20 Amps

Active Conductor Size: 25.0 mm<sup>2</sup>

Fault Conductor Size: 6.0 mm<sup>2</sup>

Length: 55.00 mts

Material: Copper

### RESULTS

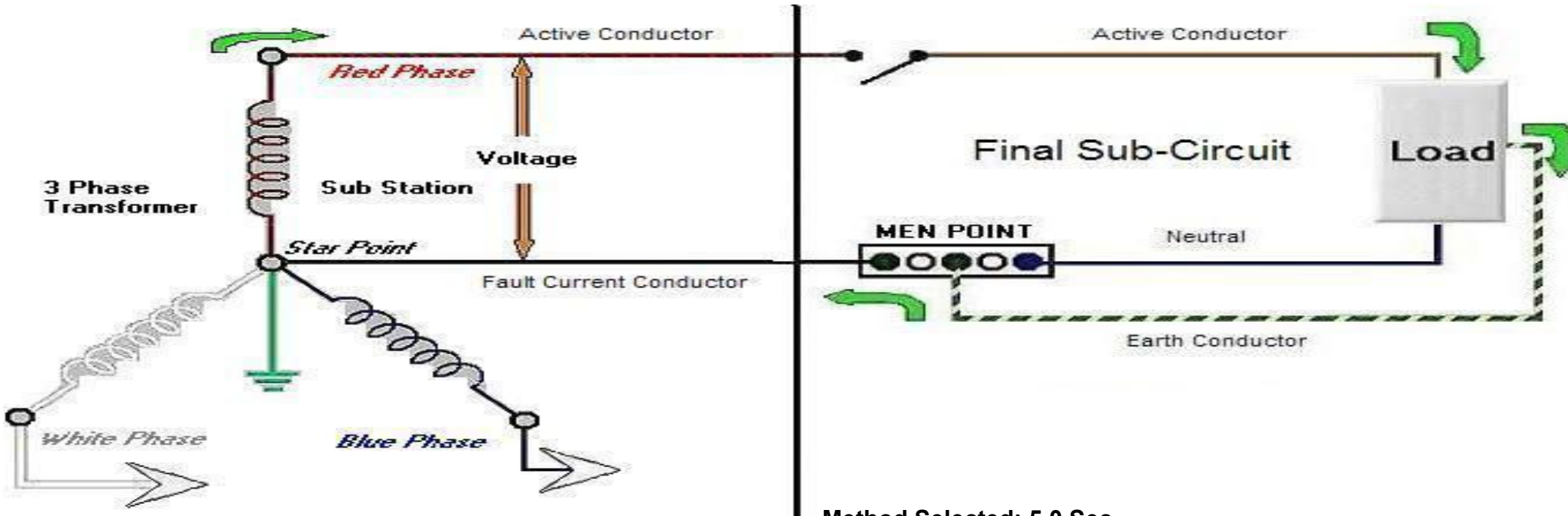
**Current: 150.00 Amps**

Max. length: 254.70 mts

Volts Drop: 17.3 %

Impedance: 0.28 Ohms

Max. Current: 667.91 Amps



### INPUTS

Voltage: 230.00 Volts

### RESULTS

**Current: 150.00 Amps**

Volts Drop: 0.0 %

Impedance: 0.00 Ohms

**Minimum Trip Current: 150 Amps**

**Actual Earth Loop Impedance: 0.43 Ohms**

**Maximum Permissible Earth Loop Impedance: 1.53 Ohms**

Details: FEED DB1 CIRCUIT 2 POWER

Method Selected: 5.0 Sec

### INPUTS

Protection Circuit: C.B. Type C 20 Amps

Active Conductor Size: 25.0 mm<sup>2</sup>

Fault Conductor Size: 6.0 mm<sup>2</sup>

Length: 85.00 mts

Material: Copper

### RESULTS

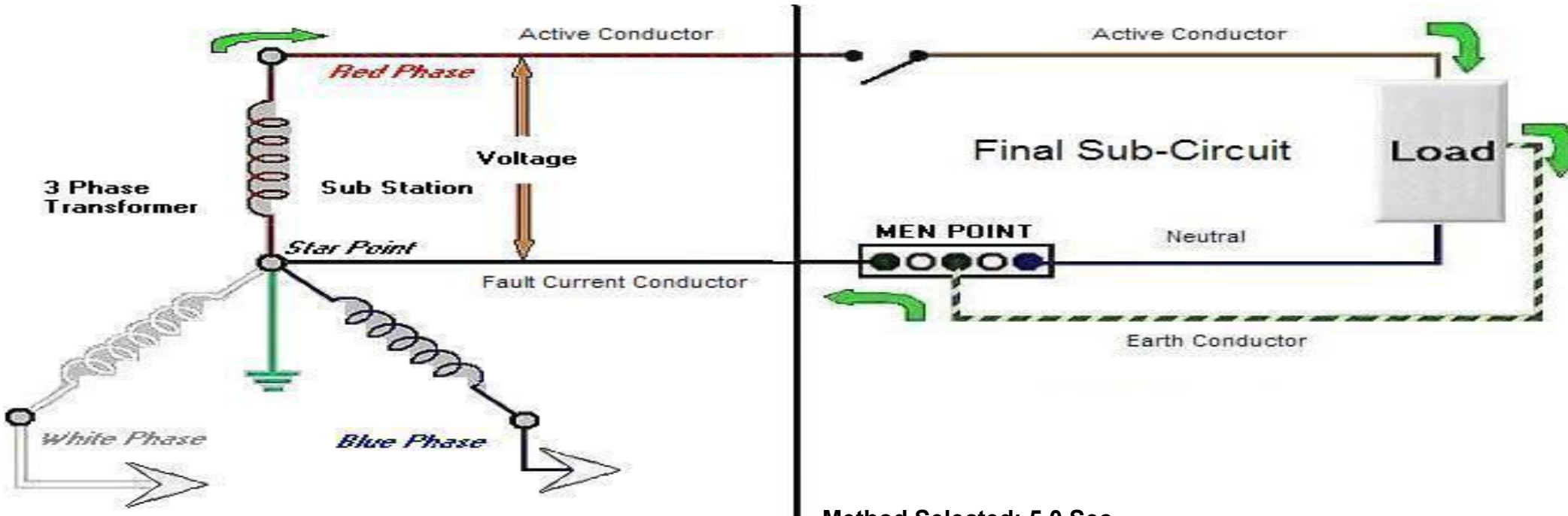
**Current: 150.00 Amps**

Max. length: 254.70 mts

Volts Drop: 26.7 %

Impedance: 0.43 Ohms

Max. Current: 432.18 Amps



### INPUTS

Voltage: 230.00 Volts

### RESULTS

**Current: 187.50 Amps**

Volts Drop: 0.0 %

Impedance: 0.00 Ohms

**Minimum Trip Current: 187.5 Amps**

**Actual Earth Loop Impedance: 0.41 Ohms**

**Maximum Permissible Earth Loop Impedance: 1.23 Ohms**

Details: FEED DB1 CIRCUIT 2 POWER

**Method Selected: 5.0 Sec**

### INPUTS

Protection Circuit: C.B. Type C 25 Amps

Active Conductor Size: 16.0 mm<sup>2</sup>

Fault Conductor Size: 6.0 mm<sup>2</sup>

Length: 74.00 mts

Material: Copper

### RESULTS

**Current: 187.50 Amps**

Max. length: 183.75 mts

Volts Drop: 32.2 %

Impedance: 0.41 Ohms

Max. Current: 447.68 Amps