



# FAULT CURRENT CALCULATION FORM

## CITY OF PLANO BUILDING INSEPTIONS DEPARTMENT

\_\_\_\_\_  
Electrical Contractor Permit # Date

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City State Zip

**Project address for electrical installation:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is in compliance with the National Electrical Code® as it relates to available short-circuit currents and interrupting ratings. See Sections 110.9, 110.10, 110.22, 240.2, 240.86

**NOTE:**

**This form is to be completed and returned to the Building Inspection Department for approval prior to installation.**

**THE FOLLOWING INFORMATION IS TO BE SUPPLIED BY THE  
ELECTRICAL CONTRACTOR OR OTHER RESPONSIBLE PARTY:**

TRANSFORMER KVA \_\_\_\_\_ IMPEDANCE \_\_\_\_\_ % SECONDARY VOLTAGE \_\_\_\_\_

FULLY RATED SYSTEM  SERIES RATED SYSTEM

- Series rated systems require component protection data sheets ( fuse / breaker or breaker / breaker)
- Series rated systems require field markings by the installer at service equipment and downstream panelboards

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**Building Inspections Department** ~ 1520 Ave K, Suite 140 Plano, TX 75074 - 972-941-7140  
[www.buildinginspections.org](http://www.buildinginspections.org)  
FM624CG025 REV. 01/15/19



**FROM TRANSFORMER TO AUXILIARY GUTTER**

TYPE OF CONDUCTORS  COPPER  ALUMINUM

SIZE OF CONDUCTORS \_\_\_\_\_

LENGTH OF CONDUCTORS FROM TRANSFORMER TO AUXILIARY GUTTER \_\_\_\_\_ ft

TYPE OF CONDUIT  NONMAGNETIC  STEEL

NUMBER OF CONDUCTORS PER PHASE \_\_\_\_\_

**FROM AUXILIARY GUTTER TO SERVICE DISCONNECT**

TYPE OF CONDUCTORS  COPPER  ALUMINUM

SIZE OF CONDUCTORS \_\_\_\_\_

LENGTH OF CONDUCTORS FROM AUXILIARY GUTTER TO SERVICE DISCONNECT \_\_\_\_\_ ft

TYPE OF CONDUIT

NUMBER OF CONDUCTORS PER PHASE \_\_\_\_\_

**FROM SERVICE DISCONNECT TO PANEL**

TYPE OF CONDUCTORS  COPPER  ALUMINUM

SIZE OF CONDUCTORS \_\_\_\_\_

LENGTH OF CONDUCTORS FROM SERVICE DISCONNECT TO PANEL(S) \_\_\_\_\_ ft

TYPE OF CONDUIT  NONMAGNETIC  STEEL

NUMBER OF CONDUCTORS PER PHASE \_\_\_\_\_

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**Data Sheet For Fully Rated or Series Rated Systems**

Item	Location of Short Circuit Current	Short-Circuit Current	Overcurrent Device Ampere Rating	Overcurrent Device Interrupting Rating
1	At Transformer Secondary Terminals (Infinite Primary)		NA	NA
2	On Line side of Main Service Equipment			
3	At Panel _____			
4	At Panel _____			
5	At Panel _____			
6	At Panel _____			
7	At Panel _____			

SERVICE DISCONNECT TYPE \_\_\_\_\_ FUSE  BREAKER

FUSE TYPE OR BREAKER TYPE \_\_\_\_\_

FUSE SIZE OR BREAKER SIZE \_\_\_\_\_

AIC RATING OF FUSE OR BREAKER \_\_\_\_\_

PANEL TYPE \_\_\_\_\_

PANELBOARD(S) MAIN BREAKER  MLO

MAIN BREAKER SIZE \_\_\_\_\_

MAIN BREAKER AIC RATING \_\_\_\_\_

BRANCH BREAKER AIC RATING \_\_\_\_\_

**The undersigned accepts responsibility for the values given herein.**

**Print Name** \_\_\_\_\_

**Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**Contact Phone Number:** \_\_\_\_\_

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