

PRIMARY FUSES TYPE SF/X (SLOFAST)	
DOP PART NUMBER	AMPERE (A)
20553	0.7
50052	1
20554	2.1
20555	3.5
20556	5.2
20557	7.0
20558	10.4
20559	14.0
20560	21.0
20561	32.0
20562	46.0

PRIMARY FUSES TYPE T (SLOW BLOW)	
DOP PART NUMBER	AMPERE (A)
20563	8
20564	12
20565	20
20566	25
20567	40
20568	50
20569	65
20570	80
20571	100
20572	140
20574	200

PRIMARY FUSES TYPE MS/KS (VERY SLOW BLOW)	
DOP PART NUMBER	AMPERE (A)
20577	25
20443	40
20444	60
20445	75
20447	100

PRIMARY FUSES TYPE K (FAST BLOW)	
DOP PART NUMBER	AMPERE (A)
20448	30
20449	40
20450	50
20451	65
20452	80
20453	100

**GENERAL NOTES:**

1. TYPE K - FAST BLOW: THE FAST CHARACTERISTICS OF TYPE K FUSE LINKS WERE ESTABLISHED BY ANSI/ENMA TO PROVIDE FUSE LINKS THAT WOULD MEET EXISTING COORDINATION SCHEMES. TYPE K FUSE LINKS ARE DESIGNED TO CARRY 150% OF THEIR RATED CURRENT WITHOUT DAMAGE TO THE FUSE LINK ITSELF OR THE CUTOUT IN WHICH IT IS INSTALLED. THE CAPACITY IS FOR SPECIAL LOADING SITUATIONS, SUCH AS SHORT-TIME OVERLOADS AND COLD LOAD PICK-UP.
2. TYPE T - SLOW BLOW: TYPE T FUSE LINKS PROVIDE SLOWER TIME-CURRENT CHARACTERISTICS THAN THE TYPE K LINKS. TYPE T LINKS COORDINATE PARTICULARLY WELL WITH AUTOMATIC OIL CIRCUIT RECLOSERS. TYPE T LINKS ARE DESIGNED TO CARRY 150% OR THEIR RATED CURRENT WITHOUT DAMAGE TO THE FUSE LINK ITSELF OR THE CUTOUT IN WHICH IT IS INSTALLED. THE CAPACITY IS FOR SPECIAL LOADING SITUATIONS, SUCH AS, SHOR-TIME OVERLOADS, AND COLD LOAD PICK-UP.
3. TYPE SF/X - SLOFAST: TYPE SF FUSE LINKS ARE TYPICALLY USED TO PROTECT AGAINST INDIVIDUAL TRANSFORMER FAULTS. WHEN A HEAVY FAULT OCCURS WITHIN THE TRANSFORMER PRIMARY BUSHINGS, A SLOFAST LINK CLEARS THE TRANSFORMER FROM THE SYSTEM BEFORE DAMAGE CAN OCCUR, AND BEFORE ANY OTHER PROTECTIVE DEVICE CAN OPERATE AND CAUSE AN UNNECESSARY INTERRUPTION TO ANY OTHER SEGMENT OF THE SYSTEM. SECONDARY TEMPORARY FAULTS THAT CAN BE WITHSTOOD BY A TRANSFORMER WILL NOT RUPTURE A SLOFAST FUSE LINK. IF SECONDARY FAULTS PERSIST AND BECOME DANGEROUS, THE SLOFAST LINK WILL OPERATE, PREVENTING DAMAGE TO THE TRANSFORMER.
4. TYPE MS/KS - VERY SLOW BLOW: TYPE MS FUSE LINKS HAVE VERY SLOW TIME-CURRENT CHARACTERISTICS. IN APPLICATIONS WHERE ANSI/NEMA TYPE T FUSE LINK CHARACTERISTICS ARE TOO FAST, THE SLOWER CHARACTERISTICS OF TYPE MS CAN OFTEN BE UTILIZED. INSTALLATION OF THIS TYPE OF FUSE SHOULD BE APPROVED BY DOP ENGINEERING.

FOR REFERENCE ONLY

CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER		
LINE FUSES		
DRAWN BY: AEC	DATE: 01/01/2018	TDMIS-29
APPROVED: <i>[Signature]</i>		
SCALE: NONE	SHEET: 1 OF 1	