_	Tutorial 3	
0	Loading	
	- 20KM	
	- 4007	
	- pf 0.85	
	Ip= 3000	
	19= 12 (NA64) = 30KM	
	13(000)(0 N)	
1	= 33.96 A	
7	2A 34A	
1	-401	
	In (breaker size)= AOA	
t	Iz > In Calgli	
+	12 Calgli	
+	= 40	
1	014(1)(1)	
	= 42.55A	
1	Iz = SOA	
7	From table 4DIA , Iz = 46A	[Mre Reference Method 35, single - core P
	selected Cable size = 10mm²	sheethed copper conductors in metal
F	Science	trunking J
u		
N K	(252 2 I24 352 (115)2(10)2	
	202- (110) (10)	
K	3 5 (113) (16)	
K	= 13 22500	
K	= 13 22500	Type B 324 MCB
	= 13 22500 table	Type B 324 MCB 1000A 20.015
	= 13 22500 toble	
	= 13 22500 table	
	= 13 22500 table 2t = (000) (0.01) = (0000)	
	= 13 22500 table 2t = 1000 (0.01) = 1000 0	
	= 13 22500 table 2t = 1000 (0.01) = 1000 0	
	= 13 22500 table 2t = (000) (0.01) = (0000)	

2)	400V , 30KW , Qf=1.8	
	Ib= 30KW (6-8)	
	- 54.12A	
	In = 63A	Steel-wired armoved multic-core ?VC
	In - tagli	
	(0.4P(0.4TP)	(0,01) -40°(
		(0xx) - Single layer multicare on a
	= 25-47 A 89.39AA	perforated motals cable truy
	⊋ 25m²	Lother circuits running coble tray
	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	(method 11)
(:)	Vo: YOUTE Ve Ist	=> 2+3 cobles = I cables
	= (res \$ + \(\sin \phi \) (54.12)(sv)
	The state of the s	
	11-75-05 pt 0-17-sind 7154	12)51
	(00)	
	[1.75(0.8) to.17(cin36.	(5) (C4-IT)(20)
	1000	
	= 4.064V	
	32000	

3)	80KW, 34, 4004, 30m		
	During normal operation, During Starting,		
	Ib = \frac{80KW}{\(\overline{1}\) \(
	= (60.57A		
	Single (one 70 mm² PVC, trunking (method 3) 4918 3-one 3 cables		
	= VD= VcIcL 1000 = (0.560009 + 0.250009) (160-37) (30)		
1	= 2.9 49 V		
	Vo = 0.56(0.5) + 6.255in(co5'0.5) (481-11)(30)		
-	= 7.1667		

(3	[00Km			
	Ib = (00KW) (085)			
+	= +6021 (69-808A			
-	First harmonic current - 169.808A			
	This partie to the title to the			
	$ \frac{3H}{100} = \frac{3H}{100} = \frac{3H}{100} = \frac{3(40)}{100} \times \frac{3(40)}{100} \times \frac{300}{100} = \frac{3(40)}{100} \times \frac{300}{100} = \frac{300}{100} \frac{300}{100$			
	= 3(40) × (69.808A			
	=203.769A			
	=> In = 250A			
	$T_2 = \frac{250}{0.84}$			
	= 290.697A			
	From Table 4DIA => Method 1) , 3 cables = 1 120mm			