Moma . LUBIS AULIYAC

Kelas: 103 TB

TRP : 1203191052

Rangkaian Perhitungan Daya Ac dan Komponsasinya (Tugat Pengganti Workshop Prp).

710	(Haus V	[1:[5(V)	Rea)	(H)	1, (A)	[2(A)	5(A)	000
1	220	0,91	963	3,92	0,75	0,41	0,35	0.3
2	200	0,45	800	3,24	0,76	0,45	0.31	0,33
3	180	0,10	648	2,63	0,78	0,5	0.28	0.36
4	160	0.56	215	2,08	1810	0.56	0.25	0,39
3	140	0,64	392	1,59	0,86	0.69	0.22	0,92
6	150	0,74	288	1,17	0.93	0,74	0,19	O.AT
		Soft (tampa C)		ac)	Son (dgn C), Komponicosi			

Dited:

P = SOW

COS Ø = 0.56

C = 5.10-6 F

f = 50 H2

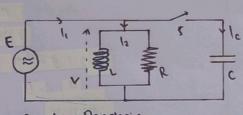
Xc = 1

271. f. c

= 1

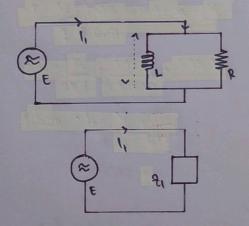
2.3.14.50.5.10-6

= 637 SL

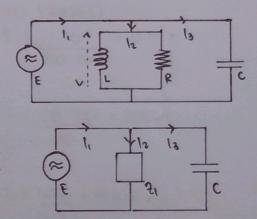


Cambar Rangkaian.

Rangkaian Soff (tanga C).



Rangeaian Son (dangan C)



$$E \cdot \cos \phi$$

$$C = \frac{E \cdot \cos \phi}{b}$$

$$\Rightarrow b = E \cdot 1 \cdot \cos \phi$$

$$\Rightarrow cos \phi$$

= 0,41 A

$$\Rightarrow P = \frac{V^2}{R}$$

$$k = \frac{h}{h}$$

= 968 - 2

= 542 1

$$=\frac{592.968}{968-592}$$

= 1232 52

= 3,92 H

30,41 A

= 0,35 A

$$COS \phi_2 = \frac{P}{E \cdot \bar{I}_1}$$

= 0,3

$$V = E = V_{R} = V_{C} = V_{C} = 200 \text{ wold}$$

A S (on) (design C)

$$\Rightarrow I_{R} = 200 = 0.45 \text{ A}$$

448

$$rightarrow I_3 = \frac{180}{637} = 0.28 \text{ A}$$

$$\Rightarrow \cos \phi_2 = \frac{\cos \phi_2}{180.000} = 0.36$$

$$\Rightarrow \cos \phi_2 = \frac{90}{160.0.81} = 0.39$$

$$\frac{1}{2} = \frac{140}{220} = 0.64 \text{ A}$$

$$\Rightarrow \cos \phi_2 = \frac{50}{140.0.86} = 0.42$$

6. V=E = Up > V1 = Ve = 120 volt

* Soft (dengan C)
$$\rightarrow \hat{I}_2 : 120 = 0.74 \text{ A}$$

$$\Rightarrow \cos \phi_2 = \frac{50}{120 \cdot 0.93} = 0.45$$