

GI KEMAYORAN

PENYULANG BANYOL

MERK RELAY VAMP 40

PERHITUNGAN ARUS GANGGUAN DAN SETTING OCR & GFR

DATA HUBUNG SINGKAT DI 150 KV

ARUS HS (lhs) =		47	KA
TEGANGAN =		150	KV
DAYAsc =		12210.95819	MVA
	R	JX	
Zsc =	0.00	0.032757462	ohm

DATA TRAFU TENAGA

KAP =	60	MVA	
Xt =	12.50%	0.833333333	ohm
TEG PRI =	150	KV	
TEG SEC =	20	KV	
BEL DELTA=	ada		
Xto =	2.5	ohm	
Intrafo =	1732.050808	amp	
RATIO CT =	2000	5	
R NGR =	12	ohm	

DATA JARINGAN

XLPE	PANJAR	6	km	
3X240 mm2	R(ohm/km)	X(ohm/km)	R(ohm)	X(ohm)
Z1 =	0.125	0.097	0.75	0.582
Zo =	0.275	0.029	1.65	0.174
3x150mm ² Z1 =	0.206	0.104	0	0
Zo =	0.356	0.312	0	0
Rangkaian Serie Z1 =			0.75	0.582
	ZO =		1.65	0.174