


NAME PLATE TRAF0 – 2 GIS MINIATUR




POWER TRANSFORMER

SERIAL NUMBER	3011160 ZF	SHORT CIRCUIT CURRENT CAPACITY (2 Second)	HV: 40 kA LV: 25 kA
YEAR OF MANUFACTURE	2017	NO LOAD LOSS @100% Ur	11.5 kW
STANDARD	IEC 60076	LOAD LOSS @TAP 9, 75°C	11.5 kW
RATED POWER	36/60 MVA	AMBIENT TEMP. REFERENCE	30°C
EMERGENCY RATING @ 120°C HOT SPOT	90 MVA	TEMP. RISE BELOW 1000m ALTITUDE	TOP OIL: 50 K AVERAGE WIND: 55 K
COOLING	ONAN/ONAF	VACUUM TANK	0.133 kPa
MAXIMUM SEISMIC DISTURBANCE	0.25 g	WITHSTAND CAPABILITY	0.133 kPa
FREQUENCY	50 Hz	TYPE OF OIL	NYNAS NYTRO LIBRA (UNINHIBITED)
PHASES	3	TOTAL MASS	116500 kg
INSULATION LEVELS	LI 650 AC 275- LI 95 AC 38/ LI 125 AC 50/ LI 75 AC 28	OIL MASS	25200 kg
CONNECTION SYMBOL	YNyn0+d	UNTANKING MASS	66000 kg
MAXIMUM ALTITUDE	1000 m	CORE MASS	32600 kg
TAP CHANGER	MR VV III 400Y-76kV-10193WR + ED100	WINDINGS MASS	24000 kg

Notice :
Overload capability at max. hot spot temp 120°C, ambient 30°C

60 MVA 90 MVA 60 MVA
 0h ———— 8 hour


 Manufactured by PT CG Power Systems Indonesia

1677/E0841/A
1677/E0841/B

PIPING AND VALVE LOCATION

HIGH VOLTAGE-TERMINALS : 1N-1U-1V-1W

LOW VOLTAGE-TERMINALS : 2N-2U-2V-2W

VOLT	AMPERE	MVA
22000	1574.6	60

TERTIARY-TERMINALS : 3U1-3W2

VOLT	AMPERE	MVA
10040	666.7V3	20

TAP	VOLT	MVA	SHORT CIRCUIT IMPEDANCE (%)
1	165000	22000	12.5
9	150000	22000	12.5
17	135000	22000	12.5

CT FOR WT1

3B.a	350/2A, CL. 1.20 VA
3B.b	2100/2A, CL. 1.20 VA

